

INDEX

Sets & Retractors	1 - 12
Laparoscopes	13 - 18
Advanced Trocar Systems	19 - 32
Suction & Irrigation	33 - 46
Ring Handle Instruments	47 - 90
Clip Applying, Bulldog Clamps, Needle Holders	91 - 118
Bipolar Instruments	119 - 128
Bariatric Instruments	129 - 138
Pediatric & Mini Instruments	139 - 152
Container & Cleaning	153 - 166
Equipment	167 - 187





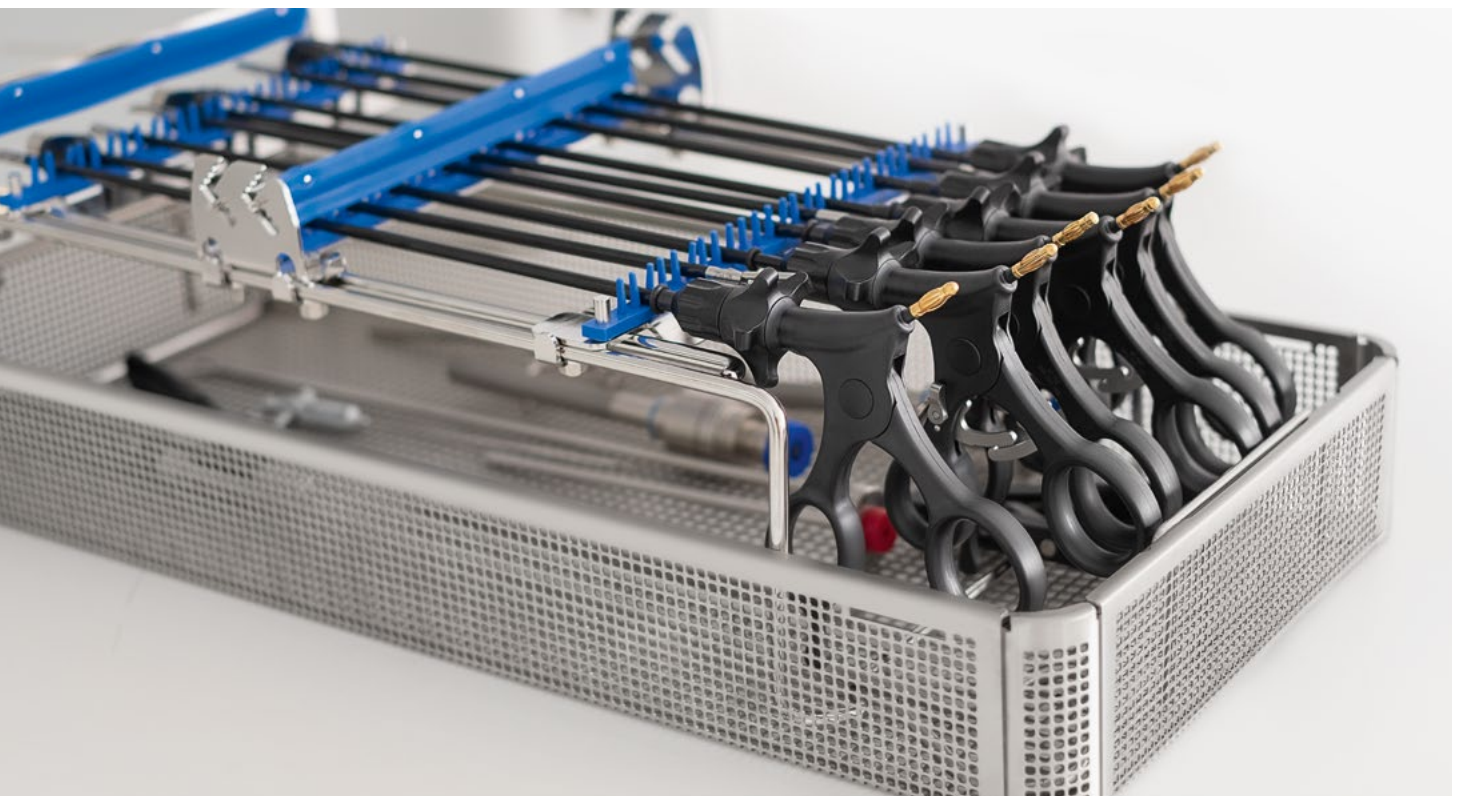
CONTAINER SETS

Small Incision, fast recovery.

Innovations in high-precision instrumentation or high class optical scopes we offer a broad spectrum of laparoscopic instruments and devices for your minimal invasive surgeries.

We work hand-in-hand with clinical partners and produce under high quality standards in Germany which makes our instrument your choice for minimally invasive surgery.

Our portfolio includes instruments and trocars as well as different specialties, endoscopes and advanced energy solutions. Together with our clinical partners we have defined a complete Laparoscopic Set which fulfill the requirements for minimal invasive surgery from the first cut till the last stitch.



CONTAINER SET #1

Grasping and Dissecting Forceps, Needle Holders, Scissors, Trocars and other specialities makes the first Container fully equipped with the instruments you need.

Open the tray and start working without missing your favorite instrument.



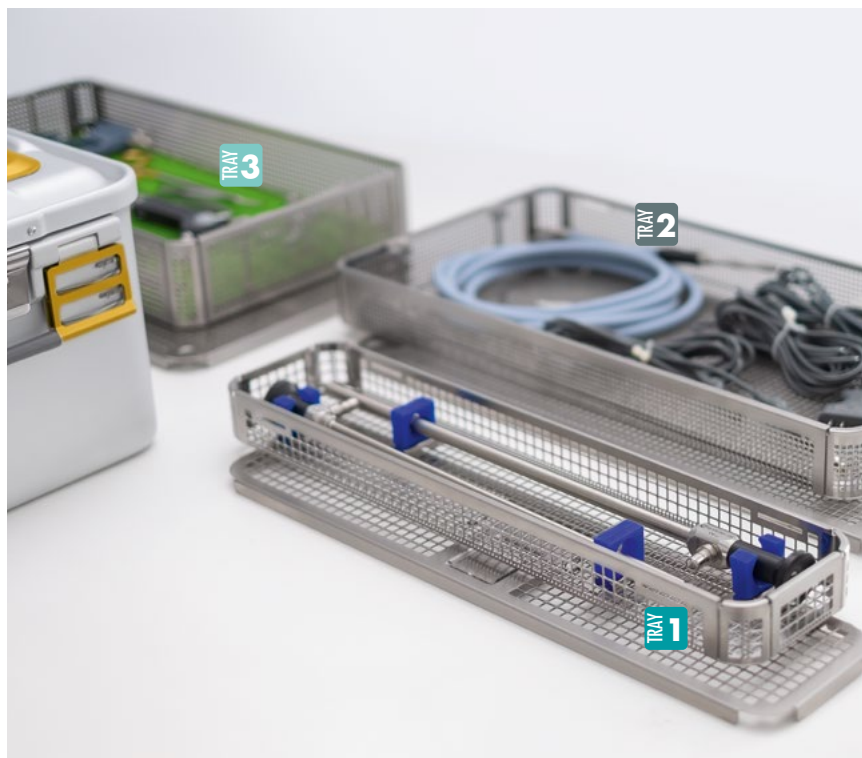
300-900-902 (Set #1 + Set #2)

CONTAINER SET #2













The second container includes high class scopes, instruments, monopolar and bipolar solutions and many accessories.




















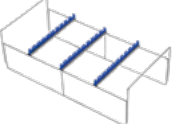
Everything stored in trays for easy cleaning and reprocessing.

Your CSSD department will like it.



CONTAINER SET #1








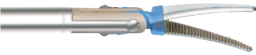



	Reducer Sleeve \varnothing 10 - 5mm, 180mm	300-012-455	1 pc.
	Reducer Sleeve \varnothing 5 - 4mm, 175mm, red	300-012-405	1 pc.
	Reducer Clip, for all modular trocar sleeves, 11.0 / 5.5mm	300-021-011	1 pc.
	Veress Needle, \varnothing 2mm, 120mm chrome, matt	300-195-120	1 pc.
	Multiport Multifunctional Trocar System \varnothing 11mm, 105mm working length blue metal trocar sleeve, smooth, oblique	300-222-011	2 pcs.
	Multiport Multifunctional Trocar System \varnothing 13mm, 102mm working length green metal trocar sleeve, smooth, oblique	300-222-013	1 pc.
	Multiport Multifunctional Trocar System \varnothing 5.5mm, 103mm working length white metal trocar sleeve, smooth, oblique	300-222-055	3 pcs.
	Trocar, \varnothing 11mm, pyramidal tip for 300-22X-011 & 300-23X-011	300-241-011	1 pc.
	Trocar, \varnothing 13mm, triangular, for 300-22X-013 & 300-23X-013	300-241-013	1 pc.
	Trocar, \varnothing 5.5mm, triangular, for 300-22X-055 & 300-23X-055	300-241-055	1 pc.
	Dick III Lightweight Needle Holder, TC, \varnothing 5mm, straight handle, 330mm working length, left curved jaw	300-300-140	1 pc.
	Dick III Lightweight Needle Holder, TC, \varnothing 5mm, straight handle, 330mm working length, right curved jaw	300-300-141	1 pc.

		Bullnose Grasping Forceps, heavy insert, deep serrated, double action ∅ 5mm, 330mm working length, complete*	300-460-001	1 pc.
		Martin Grasping Forceps, multiple serrated, 4.8mm wide, single action ∅ 5mm, 330mm working length, complete*	300-460-011	1 pc.
		Gripper #1 Grasping Forceps, fenestrated coarse serrated, double action ∅ 5mm, 330mm working length, complete*	300-460-017	1 pc.
		Hook Scissors, round cutting blade, single action ∅ 5mm, 330mm working length, complete*	300-420-060	1 pc.
		Metzenbaum Scissors, slightly curved 12mm short blade, double action ∅ 5mm, 330mm working length, complete*	300-420-067	1 pc.
		Johans Grasping Forceps, 20mm fenestrated, double action ∅ 5mm, 330mm working length, complete*	300-470-289	1 pc.
		Kelly Dissecting Forceps, cross-serrated slightly tapered, double action ∅ 5mm, 330mm working length, complete*	300-420-732	1 pc.
		Dissecting & Grasping Forceps, right angled fine serrated, double action ∅ 5mm, 330mm working length, complete*	300-420-735	1 pc.
		Articulating Triangular Retractor, straight, 60mm width, 330mm working length	300-069-000	1 pc.
		1/1 Sterilization Container, safety model, bottom non-perforated, yellow lid 580 x 280 x 200mm	600-580-205	1 pc.
		1/1 Stainless Steel Tray, perforated, 540 x 253 x 47mm	600-540-550	1 pc.
		Storage rack for MIS instruments	600-513-003	1 pc.





















* complete MIC Instrument, consists of insert, handle and shaft

CONTAINER SET #2

	TRAY 1	Laparoscope, 0°, Ø 10mm, 330mm working length	300-091-100	1 pc.
	TRAY 1	Laparoscope, 30°, Ø 5mm, 302mm working length	300-092-130	1 pc.
	TRAY 2	Monopolar Electrode, ceramic tip Ø 5mm, 360mm, spatula shaped	300-144-002	1 pc.
	TRAY 2	Monopolar Electrode, ceramic tip Ø 5mm, 360mm, L-Hook	300-144-005	1 pc.
	TRAY 3	RZ Power Handle Bipolar Forceps, Ø 5mm, detachable, flat plug	300-860-134	1 pc.
	TRAY 3	Powergrip Bipolar Grasping Forceps Ø 5mm, 340mm	300-860-013	1 pc.
	TRAY 3	Powergrip Bipolar TC Metzenbaum Scissors Ø 5mm, 340mm	300-860-018	1 pc.
	TRAY 3	Powergrip Bipolar Maryland Forceps Ø 5mm, 340mm	300-860-019	1 pc.
	TRAY 2	HF Cable, monopolar Valleylab/Lamiday/EMC, 3m	700-360-031	3 pcs.
	TRAY 2	HF Cable, bipolar RZ/Valleylab/ Lamiday/EMC, 3m	700-351-131	1 pc.
	TRAY 2	Fibre Optic Light Guide Cable, Ø 4.8mm, 230cm	250-048-230	1 pc.

		Adapter for fibre optic light guide RZ/Storz (unit)	250-039-000	1 pc.
		Adapter for fibre optic light guide RZ/Storz (endoscope)	300-042-000	1 pc.
		Knot Pusher with slit and eye, Ø 4mm, 330mm	300-030-001	1 pc.
		Tobias Fascia Needle Holder, spring handle 2mm tip, 150mm	300-151-000	1 pc.
		Suction/Irrigation Pistol Handle, 2-way-valve, 2x universal tube connector	300-166-100	1 pc.
		Suction/Irrigation Tube Ø 5mm, 4x4 holes, 340mm working length	300-173-005	1 pc.
		Suction/Irrigation Tube Ø 10mm, 4x4 holes, 340mm working length	300-173-010	1 pc.
		Palpation Probe, graduated Ø 5mm, 330mm working length	300-193-335	1 pc.
		Puncture and Injection Tube Ø 1.4mm tip, 20mm tip, Ø 5mm, 330mm working length	300-194-314	1 pc.
		Scalpel Handle No. 3, 130mm	110-110-003	1 pc.
		TC Metzenbaum Scissors, Fig. 1 curved, blunt/blunt, 145mm	120-511-145	1 pc.
		Adson Tissue Forceps, 1x2 teeth, 120mm	130-140-120	1 pc.

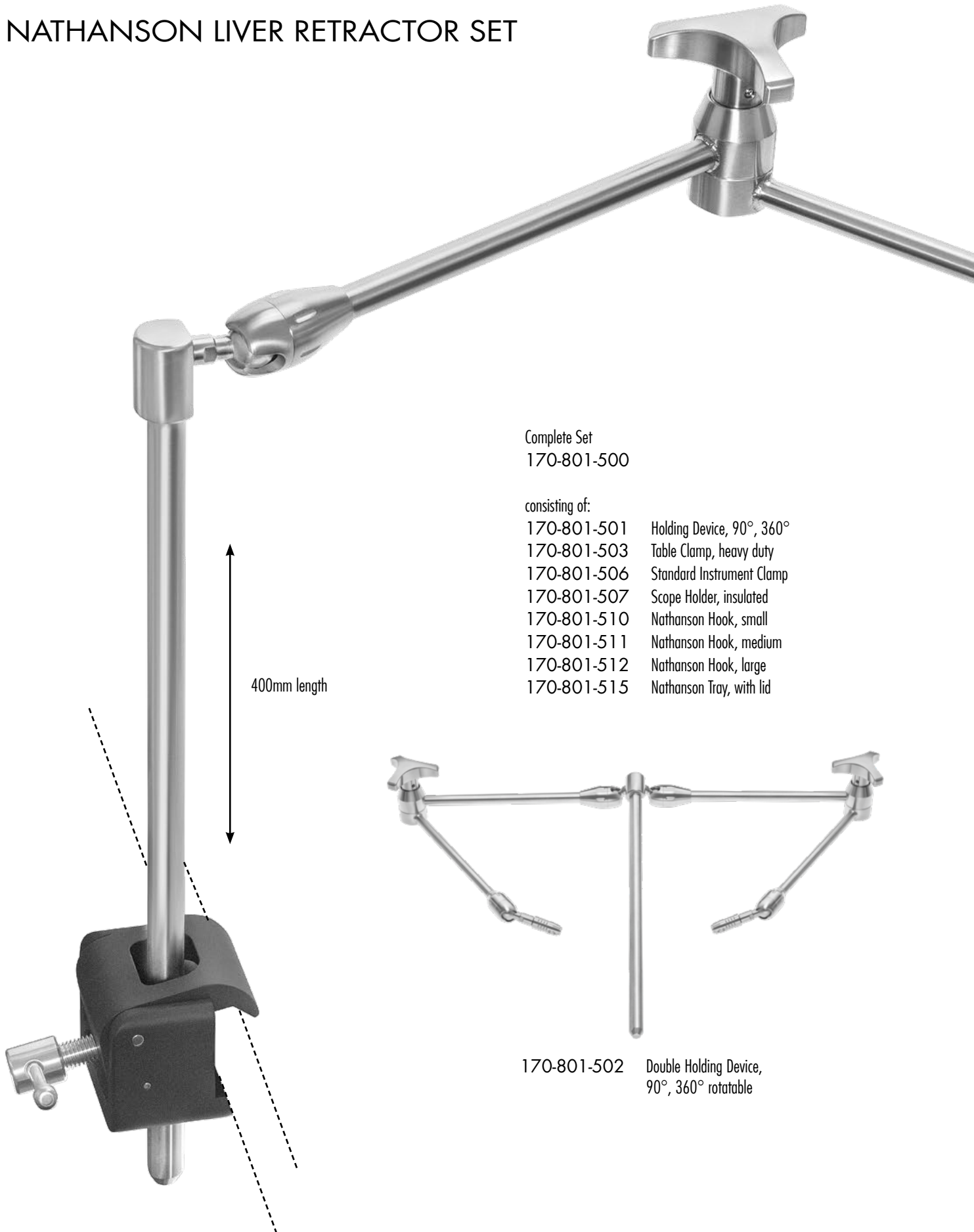
CONTAINER SET #2

		Halsted-Mosquito Hemostatic Forceps, straight, 125mm	140-254-125	2 pcs.
		TC Ligature Scissors, curved, serrated, 180mm	120-611-180	1 pc.
		Backhaus Towel Forceps, 130mm	140-573-130	4 pcs.
		Foerster Swab Forceps, straight, smooth jaw, 180mm	150-050-180	2 pcs.
		TC Mayo Hegar Needle Holder, straight, serrated, 160mm	180-550-160	1 pc.
		1/1 Sterilization Container, safety model, bottom non-perforated, yellow lid 580 x 280 x 200mm	600-580-205	1 pc.
		1/1 Stainless Steel Tray, perforated, 540 x 254 x 35mm	600-540-535	1 pc.
		1/1 Stainless Steel Tray, perforated, 540 x 254 x 55mm	600-540-555	1 pc.
		Silicone Mat, green 440 x 230mm	600-281-003	1 pc.
		Tray for 2 Endoscopes until 340mm	600-460-056	1 pc.



All you need in two containers
stored in different trays.

NATHANSON LIVER RETRACTOR SET

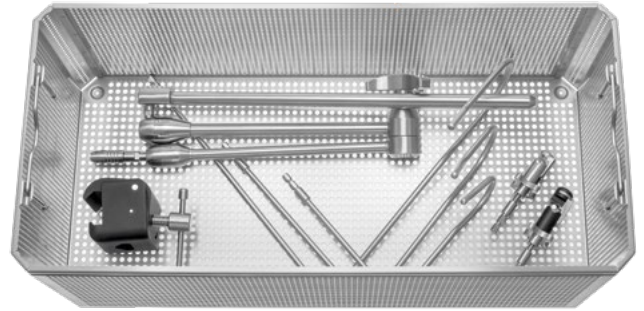


Complete Set
170-801-500

consisting of:

- 170-801-501 Holding Device, 90°, 360°
- 170-801-503 Table Clamp, heavy duty
- 170-801-506 Standard Instrument Clamp
- 170-801-507 Scope Holder, insulated
- 170-801-510 Nathanson Hook, small
- 170-801-511 Nathanson Hook, medium
- 170-801-512 Nathanson Hook, large
- 170-801-515 Nathanson Tray, with lid

170-801-502 Double Holding Device,
90°, 360° rotatable



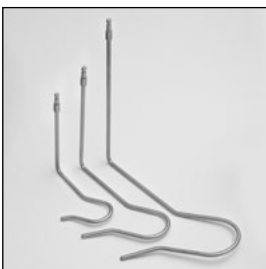
170-801-515
Tray, with lid, 540 x 253 x 197mm



Quick lock mechanism

Hook, \varnothing 6.5mm
 170-801-510 Small
 170-801-511 Medium
 170-801-512 Large

Hook, \varnothing 3.0mm
 170-802-520 Small
 170-802-521 Medium
 170-802-522 Large





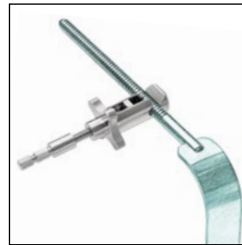
170-801-503 Table Clamp, heavy duty



170-801-507 Scope Holder, insulated



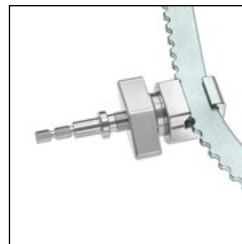
170-801-506 Standard Instrument Clamp



170-801-504 Universal Retractor Holder



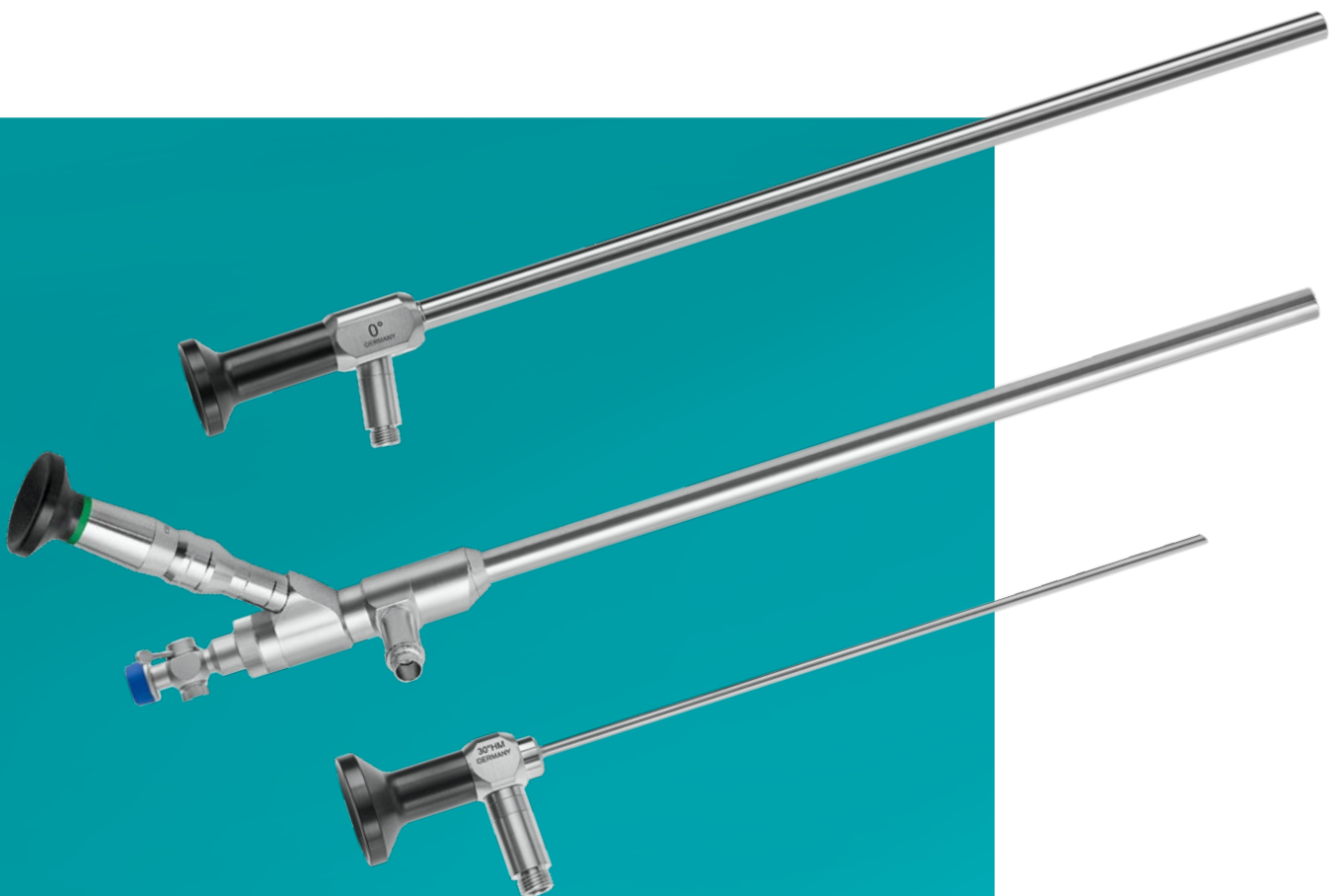
170-801-505 Frame Clamp for Retractor Frames



170-801-508 Ratchet mechanism



LAPAROSCOPES



4K LAPAROSCOPES

State-of-the-art Laparoscopes to achieve excellent image quality and finest details in Ultra High Definition.

4K



Ø
10 mm



0° DIRECTION OF VIEW

330mm working length 405mm overall length	300-100-400*
450mm working length 532mm overall length	300-200-400

30° DIRECTION OF VIEW

330mm working length 405mm overall length	300-100-430*
450mm working length 532mm overall length	300-200-430



Ø
5.5mm

0° DIRECTION OF VIEW

300mm working length 356mm overall length	300-155-400*
424mm working length 480mm overall length	300-255-400

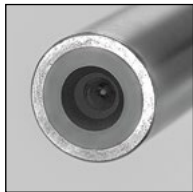
30° DIRECTION OF VIEW

300mm working length 356mm overall length	300-155-430*
424mm working length 480mm overall length	300-255-430

ICG/NIR 4K LAPAROSCOPES

Endoscopes for Indocyanine Green (ICG) and Near Infrared (NIR) Laparoscopy procedures in 4K Ultra High Definition.

4K



0° DIRECTION OF VIEW 300mm working length

Ø 10mm	300-700-400
Ø 5mm	300-755-400

30° DIRECTION OF VIEW 300mm working length

Ø 10mm	300-700-430
Ø 5mm	300-755-430

FULL HD LAPAROSCOPES

High definition pictures with significant detail-resolution through newest CAD - designed rod - lens systems.

FULL HD



0° DIRECTION OF VIEW

330mm working length 405mm overall length	300-091-100*
450mm working length 532mm overall length	300-091-430

30° DIRECTION OF VIEW

330mm working length 405mm overall length	300-091-130*
450mm working length 532mm overall length	300-091-433

45° DIRECTION OF VIEW

330mm working length 405mm overall length	300-091-145
450mm working length 532mm overall length	300-091-445

FULL HD LAPAROSCOPES

High definition pictures with significant detail-resolution through newest CAD - designed rod - lens systems.

FULL HD



∅
5.5mm



0° DIRECTION OF VIEW

300mm working length	300-092-100*
356mm overall length	
424mm working length	300-096-455
480mm overall length	



30° DIRECTION OF VIEW

300mm working length	300-092-130*
356mm overall length	
424mm working length	300-096-453
480mm overall length	



45° DIRECTION OF VIEW

300mm working length	300-092-145
356mm overall length	
424mm working length	300-096-450
480mm overall length	



∅
2.9 mm



0° DIRECTION OF VIEW

207mm working length	300-097-100
270mm overall length	



30° DIRECTION OF VIEW

207mm working length	300-097-130
270mm overall length	

FULL HD OPERATING LAPAROSCOPES

For 11 mm trocar systems and single puncture,
6mm instrument channel

FULL HD



Ø
10 mm

0° DIRECTION OF VIEW

Parallel eye piece
270mm length

300-099-006



Stopcock with 6mm instrument channel

for 300-099-006
and 300-099-106
(included)

300-099-500



Ø
10 mm

0° DIRECTION OF VIEW

Lateral eye piece
270mm length

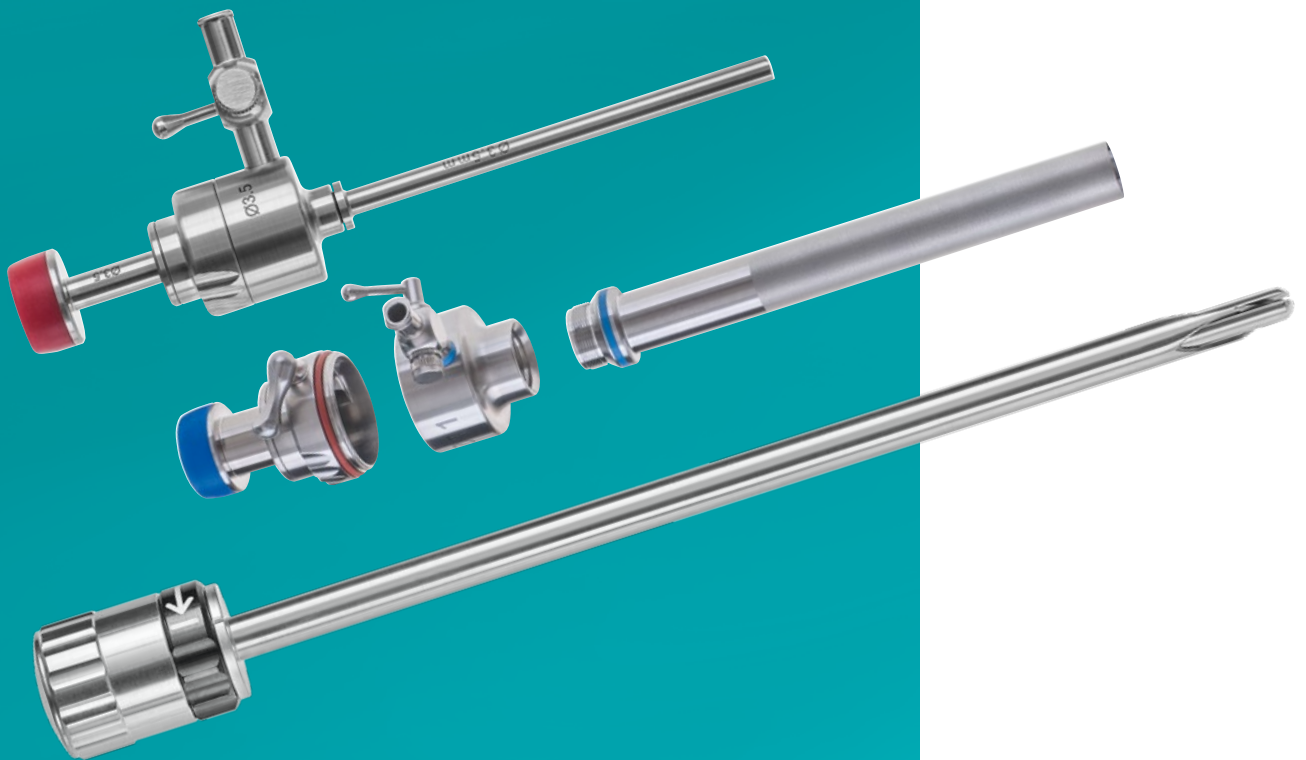
300-099-106



RECOMMENDATIONS FOR RZ LAPAROSCOPES

- Sterilization Containers and Trays for safe usage and storage:
pages 157-167
- Ø 3.5mm, Ø 4.8mm light cables and adapter pieces to be used with all RZ Laparoscopes:
page 179

ADVANCED TROCAR SYSTEMS





- 1 Reusable and autoclavable seals
- 2 Easy opening by pushing the lever
- 3 Stainless steel stopcock
- 4 Ergonomic stainless steel housing
- 5 Self-centering conical sleeve
- 6 Smooth stainless steel sleeve



Easy opening MultiPort System

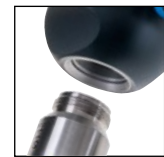


Improved trap-door valves




SILIPORT TROCAR SYSTEM



- 1 Reusable and autoclavable seals
- 2 Reusable and autoclavable silicon valve
- 3 Stainless steel stopcock
- 4 Lightweight synthetic housing
- 5 Self-centering conical sleeve
- 6 Synthetic threaded lightweight sleeve



Highest safety due to stainless steel connections

Color code	∅
	5.5mm
	11.0mm
	13.0mm

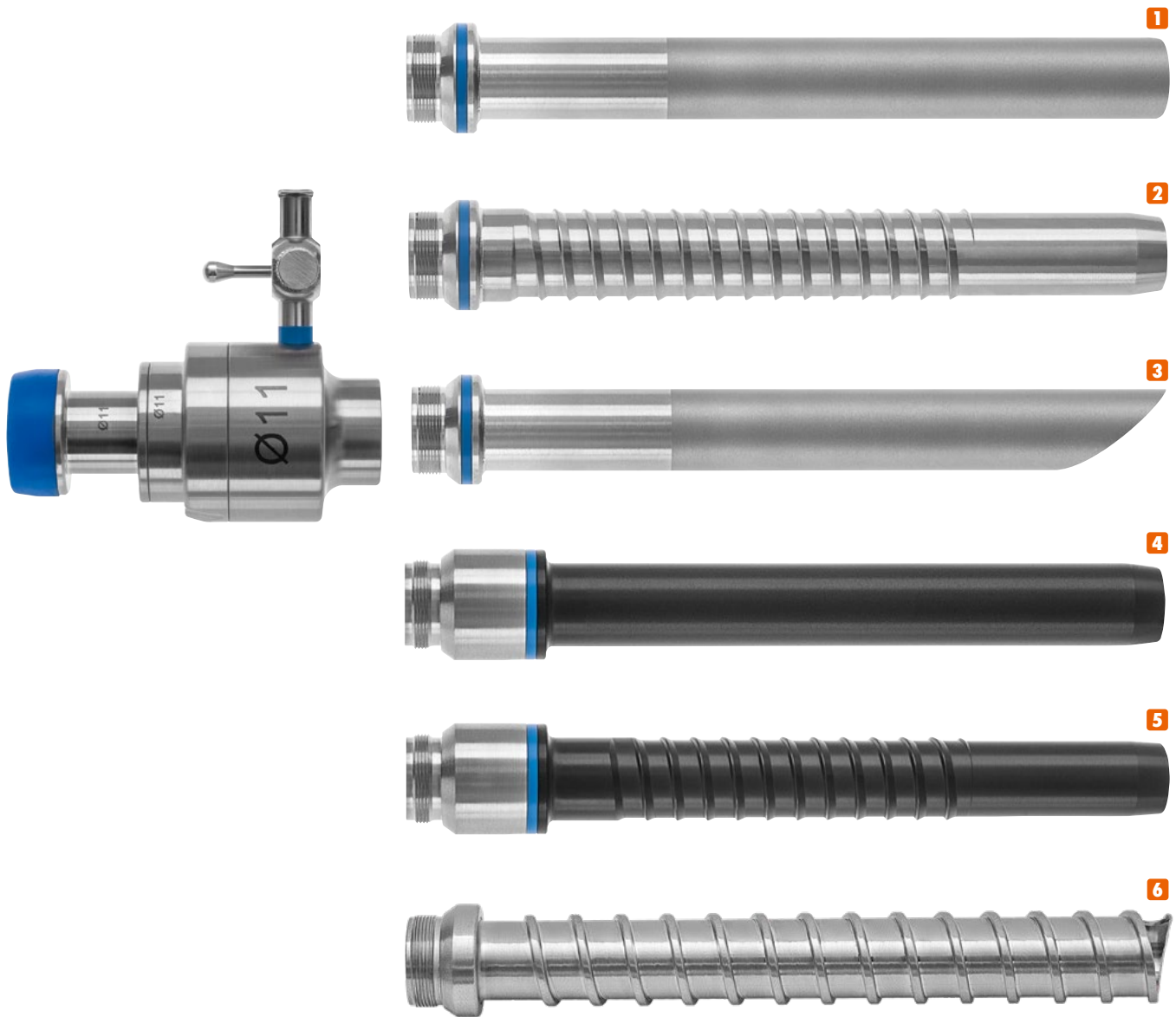
MultiPort Trocar System



SiliPort Trocar System



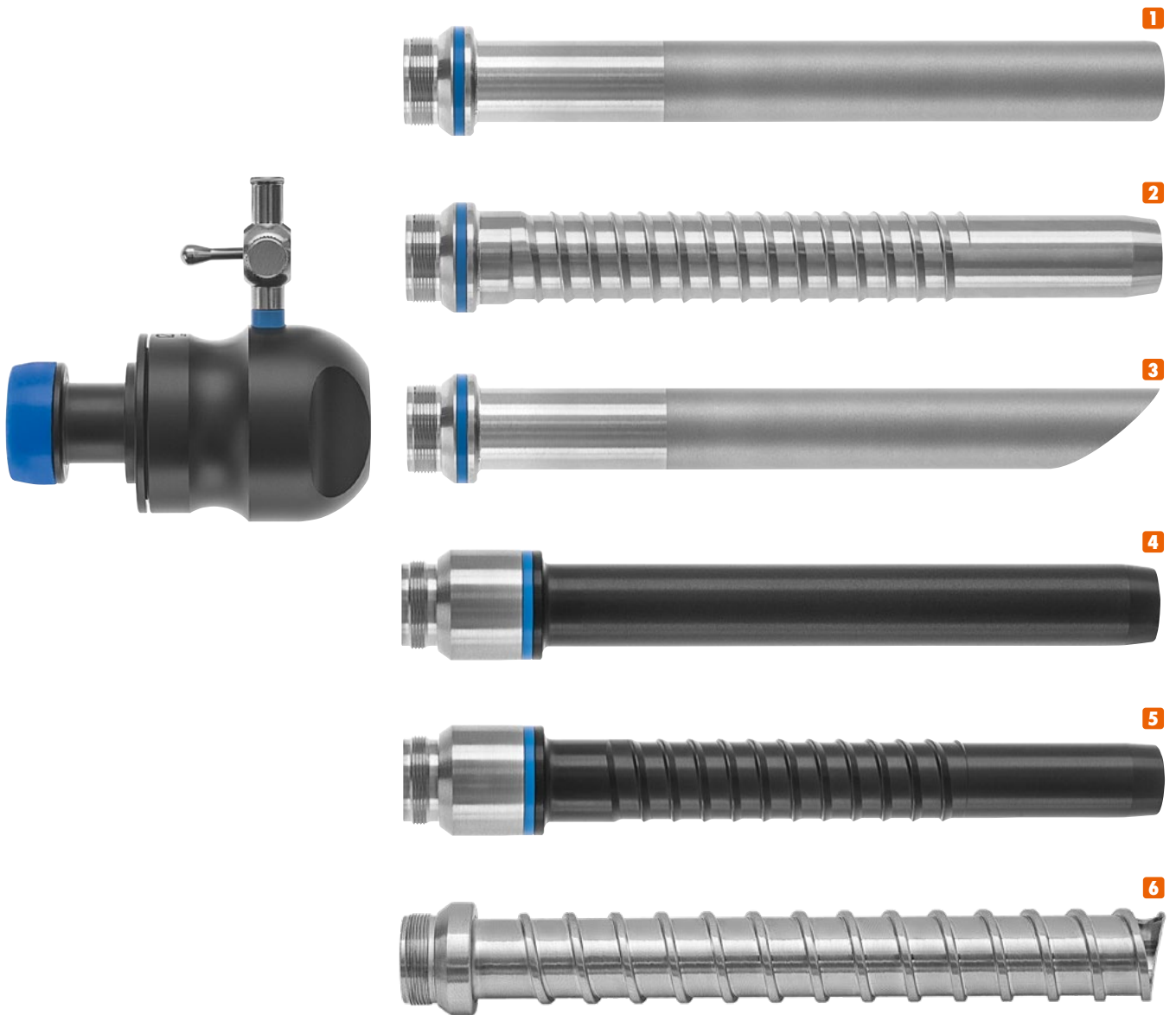
Multiport Trocar Sleeves, 100mm working length



- 1** Stainless steel sleeve, smooth
- 2** Stainless steel sleeve, thread
- 3** Stainless steel sleeve, oblique
- 4** Synthetic sleeve, smooth
- 5** Synthetic sleeve, thread
- 6** Stainless Steel Sleeve, self-cutting

	Ø 5.5mm	Ø 11mm	Ø 13mm
1	300-220-055*	300-220-011*	300-220-013*
2	300-221-055	300-221-011	300-221-013
3	300-222-055*	300-222-011*	300-222-013*
4	300-223-055	300-223-011	300-223-013
5	300-224-055	300-224-011	300-224-013
6	300-226-055	300-226-011	300-226-013

Siliport Trocar Sleeves, 100mm working length



- 1** Stainless steel sleeve, smooth
- 2** Stainless steel sleeve, thread
- 3** Stainless steel sleeve, oblique
- 4** Synthetic sleeve, smooth
- 5** Synthetic sleeve, thread
- 6** Stainless Steel Sleeve, self-cutting

	Ø 5.5mm	Ø 11mm	Ø 13mm
1	300-230-055	300-230-011	300-230-013
2	300-231-055	300-231-011	300-231-013
3	300-232-055	300-232-011	300-232-013
4	300-233-055	300-233-011	300-233-013
5	300-234-055	300-234-011	300-234-013
6	300-236-055	300-236-011	300-236-013

SPECIAL SIZED TROCAR SYSTEM



Stainless steel trocar with oblique sleeve, 109.9mm working length
Ø 15mm 300-020-015

Stainless steel trocar with oblique sleeve, 118.7mm working length
Ø 20mm 300-020-020

PEDIATRIC TROCAR SYSTEM

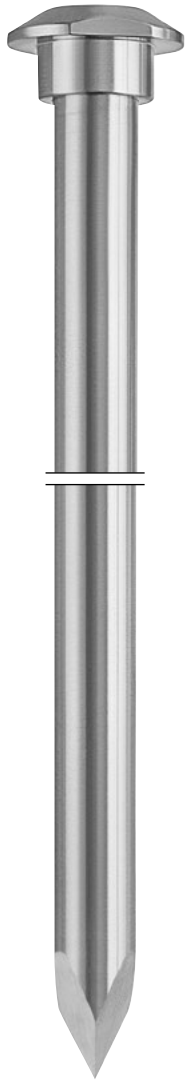


Stainless steel trocar with smooth sleeve, 70mm working length
Ø 3.5mm 300-112-035

SPARE TROCAR SLEEVES

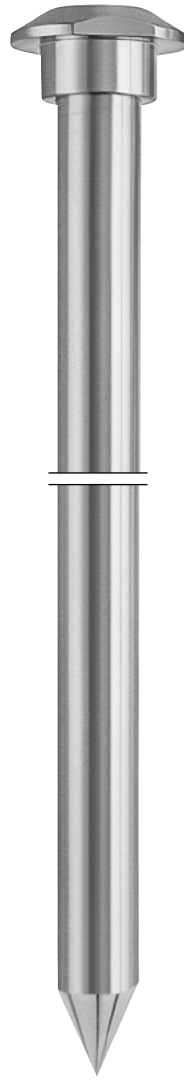


	Ø 5.5mm	Ø 11mm	Ø 13mm
1 Stainless steel sleeve, smooth	300-220-255	300-220-211	300-220-213
2 Stainless steel sleeve, thread	300-221-255	300-221-211	300-221-213
3 Stainless steel sleeve, oblique	300-222-255	300-222-211	300-222-213
4 Synthetic sleeve, smooth	300-233-255	300-233-211	300-233-213
5 Synthetic sleeve, thread	300-234-255	300-234-211	300-234-213
6 Stainless Steel Sleeve, self-cutting	300-236-255	300-236-211	300-236-213



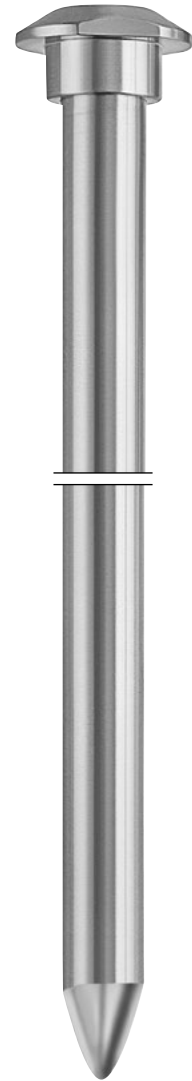
Standard trocar
with pyramidal tip, reusable, cutting

300-241-035	Ø 3.5mm
300-241-055*	Ø 5.5mm
300-241-011*	Ø 11mm
300-241-013*	Ø 13mm
300-241-015	Ø 15mm
300-241-020	Ø 20mm



Standard trocar
with conical tip, reusable, cutting

300-240-035	Ø 3.5mm
300-240-055*	Ø 5.5mm
300-240-011*	Ø 11mm
300-240-013*	Ø 13mm
300-240-015	Ø 15mm
300-240-020	Ø 20mm



Hasson Obturator with blunt ball tip,
reusable, atraumatic

300-242-035	Ø 3.5mm
300-242-055	Ø 5.5mm
300-242-011	Ø 11mm

SAFETY TROCARS

- Avoids injuries in the abdomen
- Automatic self-locking shielding
- Shield covers the cutting edges
- Minimal Puncture wound due to rounded cutting edges



300-152-055* 5.5mm
 300-152-011* 11.0 mm
 300-152-012 12.5mm



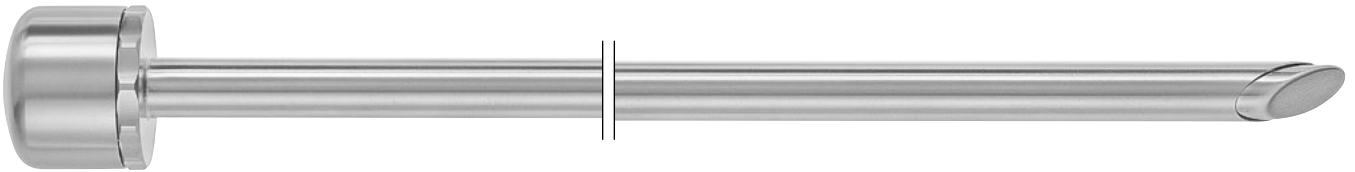
Shielded trocar tip



Sharp trocar tip

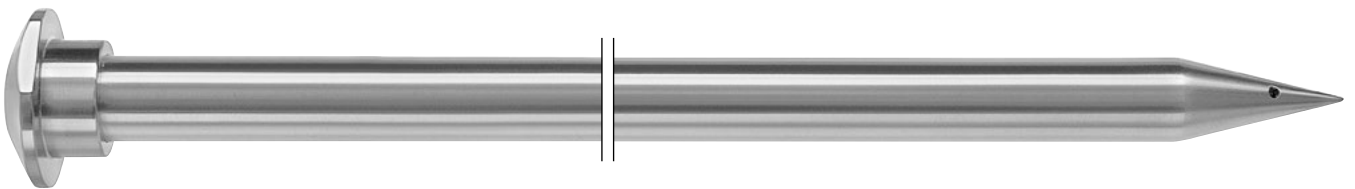


Safety mechanism



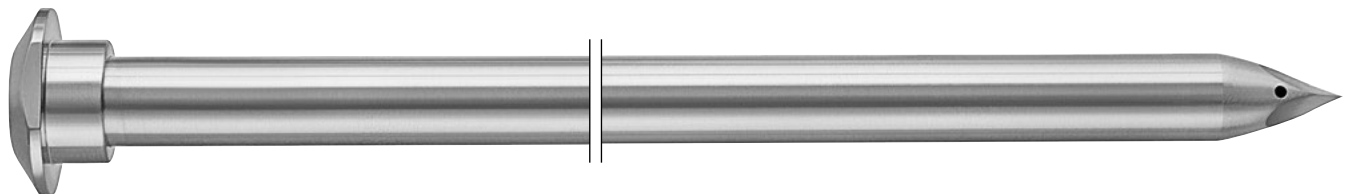
Safety trocar with oblique cutting edge

300-154-055 5.5mm
 300-154-011 11.0 mm
 300-154-125 12.5mm



Cannulated trocars with hole, conical tip

300-243-055 5.5mm
 300-243-011 11.0 mm
 300-243-013 13.0 mm



Cannulated trocars with hole, trocar point

300-244-055 5.5mm
 300-244-011 11.0 mm
 300-244-013 13.0 mm

SPARE PARTS



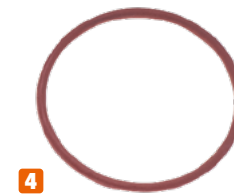
1
Silicone seal insert for SiliPort
Trocar System, 5 pieces
300-025-358* Ø 5.5mm
300-025-359* Ø 11mm
300-025-359 Ø 13mm



2
Sealing caps, color-coded, 10 pieces
300-250-035 Ø 3.5mm (red)
300-250-055* Ø 5.5mm (white)
300-250-011* Ø 11mm (blue)
300-250-013* Ø 13mm (green)
300-020-915 Ø 15mm (grey)
300-020-920 Ø 20mm (grey)



3
Gaskets for MultiPort Trocar System, 10 pieces
300-250-235 Ø 3.5mm (black)
300-250-255 Ø 5.5mm (white)
300-250-211 Ø 11mm (blue)
300-250-213 Ø 13mm (green)
300-020-215 Ø 15mm (blue)
300-020-220 Ø 20mm (blue)



4
Gaskets for MultiPort Trocar System, 10 pieces
300-250-135 Ø 3.5mm / 5.5mm
300-250-111 Ø 11mm / 13mm
300-020-115 Ø 15mm
300-020-120 Ø 20mm



Reducer clip with silicone band

for all RZ trocar systems

300-021-011* Ø 11mm → 5.5mm

300-021-125 Ø 12.5mm → 5.5mm



Reducer clip with silicone band for

all RZ trocar systems

300-021-355* Ø 11mm → 5.5mm

300-021-380 Ø 11mm → 8.0 mm

300-021-305 Ø 13mm → 5.5mm

300-021-310 Ø 13mm → 10.0 mm



Slide-reducer for all RZ Trocar Systems

300-021-455 Ø 11mm → 5.5mm

300-021-405 Ø 13mm → 5.5mm

300-021-410 Ø 13mm → 10.0 mm

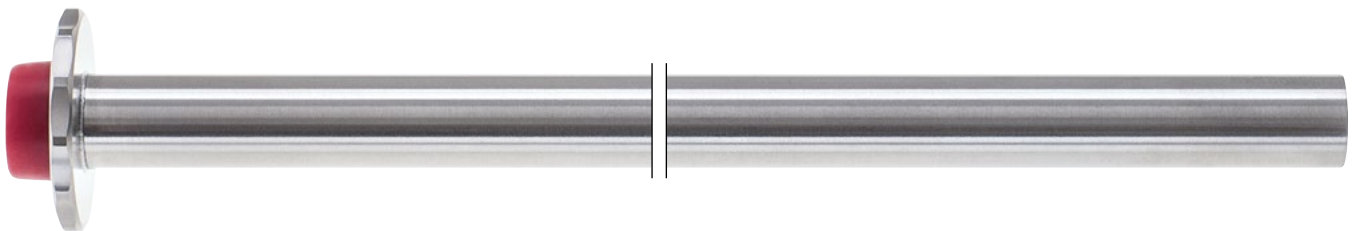


Reducer Sleeve short, for all RZ modular trocar systems, 60mm

300-012-106 Ø 10mm → 5.0 mm

300-012-116 Ø 11mm → 5.5mm

300-012-121 Ø 12.5mm → 5.5mm



Reducer Sleeve long, for all RZ modular trocar systems, 190mm

300-012-405* Ø 5.0mm → 4.0mm (red)*

300-012-455* Ø 10.0/11.0mm → 5.5mm (red)

300-012-410 Ø 12.5mm → 10.0mm (blue)

300-012-412 Ø 12.5mm → 5.5mm (red)

300-012-415 Ø 15.0mm → 10.0mm (blue)

300-012-416 Ø 15.0mm → 5.5mm (red)

300-012-425 Ø 20.0mm → 15.0mm (grey)

300-012-420 Ø 20.0mm → 10.0mm (blue)

300-012-421 Ø 20.0mm → 5.5mm (red)

* 175mm



RZ Dilation Set

- 300-013-500 for 5.5 → 10.0 mm
- 300-013-511 for 5.5 → 11.0 mm
- 300-013-510 for 5.5 → 10.0 mm
- 300-013-115 for 11.0 → 15.0 mm
- 300-013-512 for 5.5 → 12.5mm
- 300-013-522 for 11.0 → 20.0 mm



Fixable sliding Hasson Cone with suture fixation device, for all RZ Modular Trocar Systems with smooth metal sleeves

- 300-014-155 Ø 5.5mm
- 300-014-111 Ø 11mm
- 300-014-113 Ø 13mm

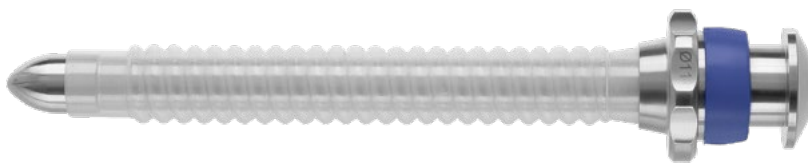
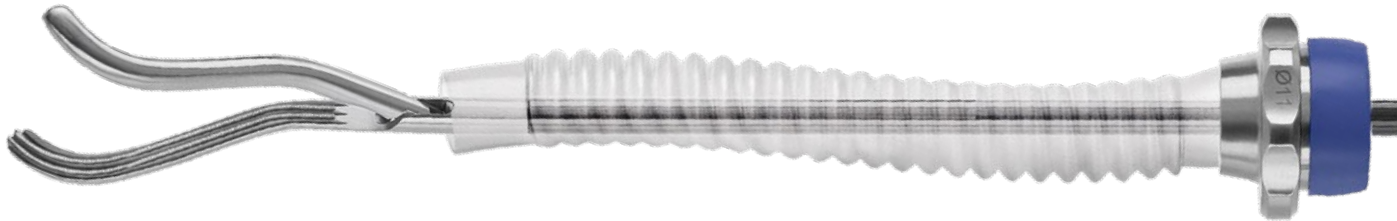


Fixable sliding Hasson cone with suture fixation device, for all RZ Modular Trocar Systems with smooth metal sleeves

- 300-014-711 Ø 11mm

FLEXIBLE TROCAR SYSTEM FOR THE USE OF CURVED INSTRUMENTS

- Complete Thorax trocar system
- For inserting curved or strongly curved jaws
- For 5mm and 10mm instruments



Thorax Trocar System, flexible, complete, Ø 11 mm
 300-020-211 100 mm working length
 300-020-711 70 mm working length



Thorax Trocar Sheath, Ø 11 mm,
 for 100 mm
 300-021-111



Thorax Trocar System, flexible, complete, Ø 5.5mm
 300-020-255 100 mm working length
 300-020-755 70 mm working length



Thorax Trocar Sheath, Ø 5.5mm
 300-021-155 for 100 mm
 300-021-755 for 70 mm



Obturator for flexible Thorax Trocar System
 300-023-111 Ø 11.0mm, 100mm
 300-023-711 Ø 11.0mm, 70mm
 300-023-255 Ø 5.5mm, 100mm
 300-023-755 Ø 5.5mm, 70mm



Gasket for Thorax Trocar System
 Ø 11mm (package of 10 pcs.)
 300-250-011 blue
 300-250-055 white



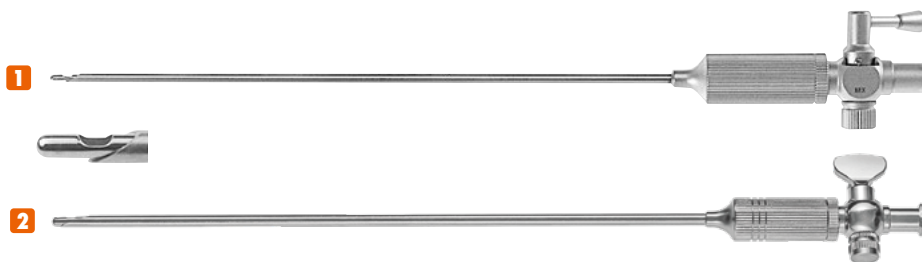
Plastic Trocar Sleeve, flexible, package of 5 pieces
 300-024-111 Ø 11.0mm, 100mm
 300-024-711 Ø 11.0mm, 70mm
 300-024-155 Ø 5.5mm, 100mm
 300-024-755 Ø 5.5mm, 70mm



300-023-100 Endo Dilator Speculum, 195mm, with 3 blades, for symmetric dilation of the tissue during heavy tissue removal



300-098-105 Tissue retractor, S-shaped, pair with 2 pieces to expose anatomical layers



1 Insufflation needle, matt chrome, Ø 2 mm

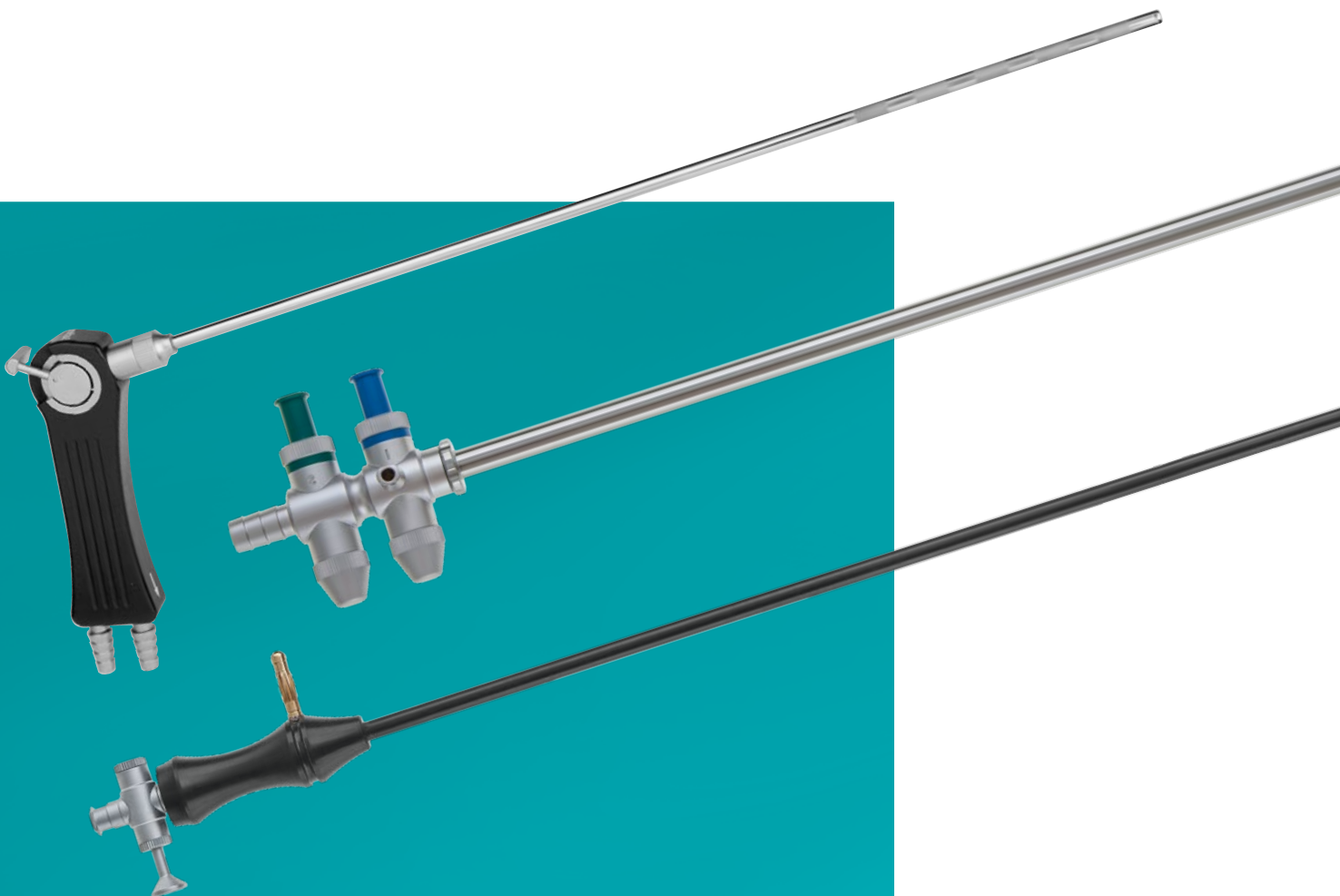
300-195-080	80 mm
300-195-100	100 mm*
300-195-120*	120 mm*
300-195-150	150 mm*
300-195-170	170 mm
300-195-200	200 mm

* standard length

2 Insufflation needle, polished chrome, Ø 2.7 mm, High-Flow

300-195-300	100 mm
300-195-320	120 mm*
300-195-350	150 mm*
300-195-370	170 mm*

SUCTION AND IRRIGATION



RZ EASYCLEAN SUCTION AND IRRIGATION SYSTEM

- 2 color coded trumped valves
- Universal suction channel
- Lateral LuerLock irrigation channel



300-019-500* Set with 5mm and 10mm suction tubes and large suction channel

300-019-501 Handle only, with large suction channel

300-019-600 Set with 5mm and 10 mm suction tubes and small suction channel

300-019-601 Handle only, with small suction channel



Suction and irrigation handle

300-019-501 large suction channel

300-019-601 small suction channel



300-019-780

Gasket O-Ring

1 set with 10 pieces



300-019-770

Spring

1 set with 10 pieces



Suction and irrigation tubes

for 300-019-500/501/600/601



4x 4 holes, 340mm working length



Ø 3mm

300-019-735



Ø 5mm

300-019-705



Ø 10mm

300-019-710



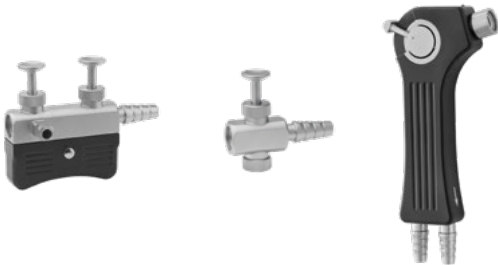
300-165-100 Suction and irrigation handle with 2 trumpet valves, suction channel with large universal tube connector, irrigation channel with lateral LuerLock connection, removable ergonomic handle plate



300-166-100* Pistol-shaped suction and irrigation handle with 2-way valve and 2 large universal tube connectors for suction and irrigation



300-167-100 Suction and irrigation handle with 1 trumpet valve and large universal tube adapter



Suction and irrigation tubes, for 300-165-100, 300-166-100 and 300-167-100



4 holes, with markings, 340 mm working length



Ø 3mm

300-172-003



Ø 5mm

300-172-005*



Ø 10mm

300-172-010*



4x 4 holes, with markings, 340mm working length



Ø 3mm

300-173-003



Ø 5mm

300-173-005*



Ø 10mm

300-173-010*



300-192-000* Suction and irrigation handle with rotating 2-way lever mechanism and 2 large universal tube adapters with LuerLock connector



Suction and irrigation tubes for 300-192-000



4 holes on the tip, with markings and LuerLock, 340 mm working length



Ø 3mm

300-192-003



Ø 5mm

300-192-005*



Ø 10mm

300-192-010*



4x 4 holes, with markings and LuerLock, 340mm working length



Ø 3mm

300-193-003



Ø 5mm

300-193-005*



Ø 10mm

300-193-010*



Suction or irrigation tube with LuerLock, 4 x 4 holes and stopcock, Ø 5mm

300-006-305 330 mm working length
300-006-455 450 mm working length



Puncture and injection needle with LuerLock adapter, 5mm diameter, 20 mm needle length

	Needle tip	Working length	Needle length
300-194-307*	0.7 mm	330 mm	12mm
300-194-309*	0.9 mm	330 mm	20mm
300-194-312*	1.2 mm	330 mm	20mm
300-194-412	1.2 mm	450 mm	20mm
300-194-314*	1.4 mm	330 mm	20mm
300-194-414	1.4 mm	450 mm	20mm
300-194-318*	1.8 mm	330 mm	20mm
300-194-418	1.8 mm	450 mm	20mm



Palpation probe with markings and small handle

	Working length	Ø
300-193-305	330 mm	5mm
300-193-335*	330 mm	5mm
300-193-405	400 mm	5mm
300-193-410	400 mm	10mm













300-166-000 Pistol-shaped suction and irrigation handle with 2-way valve.
Additional rotating HF connector for monopolar cables.
2 large universal tube connectors for suction and irrigation.

ELECTRODES

340mm working length



	J-hook Electrode, thin wire	300-163-100
	J-hook Electrode, thick wire	300-163-110
	L-hook Electrode	300-163-120
	Spatula Electrode	300-163-130
	Ballpoint Electrode	300-163-140
	Knife Electrode	300-163-150
	45° Needle Electrode	300-163-160
	Needle Electrode	300-163-170
	Cone Electrode	300-163-180
	Irrigation tube for use without HF	300-163-190

ELECTRODES

with ceramic tip, 340mm working length



J-hook Electrode

300-163-810



L-hook Electrode

300-163-820



Spatula Electrode

300-163-830



Knife Electrode

300-163-850



45° Electrode

300-163-860



Needle Electrode

300-163-870

COAGULATION ELECTRODES

with 4mm HF connector, Ø 5mm, 330mm working length



J-hook Electrode 300-100-132



L-hook Electrode 300-100-133*



Spatula Electrode 300-100-131*



Ballpoint Electrode 300-100-134

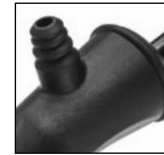
HANDLE ELECTRODES

Ø 5mm, 360mm working length

- Large and ergonomic handle design
- Very fine tips
- Ceramic tip and PEEK shaft
- Suction connection optionally available



Without suction



With suction



Spatula Electrode

300-144-002*

300-145-003*



J-hook Electrode

300-144-004

300-145-004*



L-hook Electrode

300-144-005*

300-145-005*



Needle Electrode

300-144-006*







300-145-006*

ELECTRODES

with 4mm HF connector, \varnothing 5mm, 340mm / 440mm working length

- Coagulation Suction / Irrigation Electrode
- Ergonomic handle
- Ceramic tip



		340mm	440mm
	J-hook Electrode	300-163-410	300-163-610
	L-hook Electrode	300-163-420	300-163-620*
	Spatula Electrode	300-163-430	300-163-630
	Knife Electrode	300-163-450	300-163-650
	45° Needle Electrode	300-163-460	300-163-660
	Needle Electrode	300-163-470	300-163-670

MONOPOLAR CABLES



Generator end



RZ HF Unit Standard Plug

	4mm socket	4mm socket, angled	2mm plug	4mm plug	3mm socket	4mm plug
3m	700-501-303*					
5m	700-501-503					



RZ HF Unit SDS Plug

3m	700-501-300*
5m	700-501-500*



Erbe, Martin, Berchtold

3m	700-280-030*	700-290-030	700-291-030		700-292-030	700-293-033
5m	700-280-050*	700-290-050	700-291-050			700-293-035



Bovie, Valleylab, Conmed

3m	700-360-031*	700-361-030	700-362-030	700-363-030	700-364-030	700-370-030
5m	700-360-051*	700-361-050	700-362-050	700-363-050		700-370-050



Martin, Berchtold

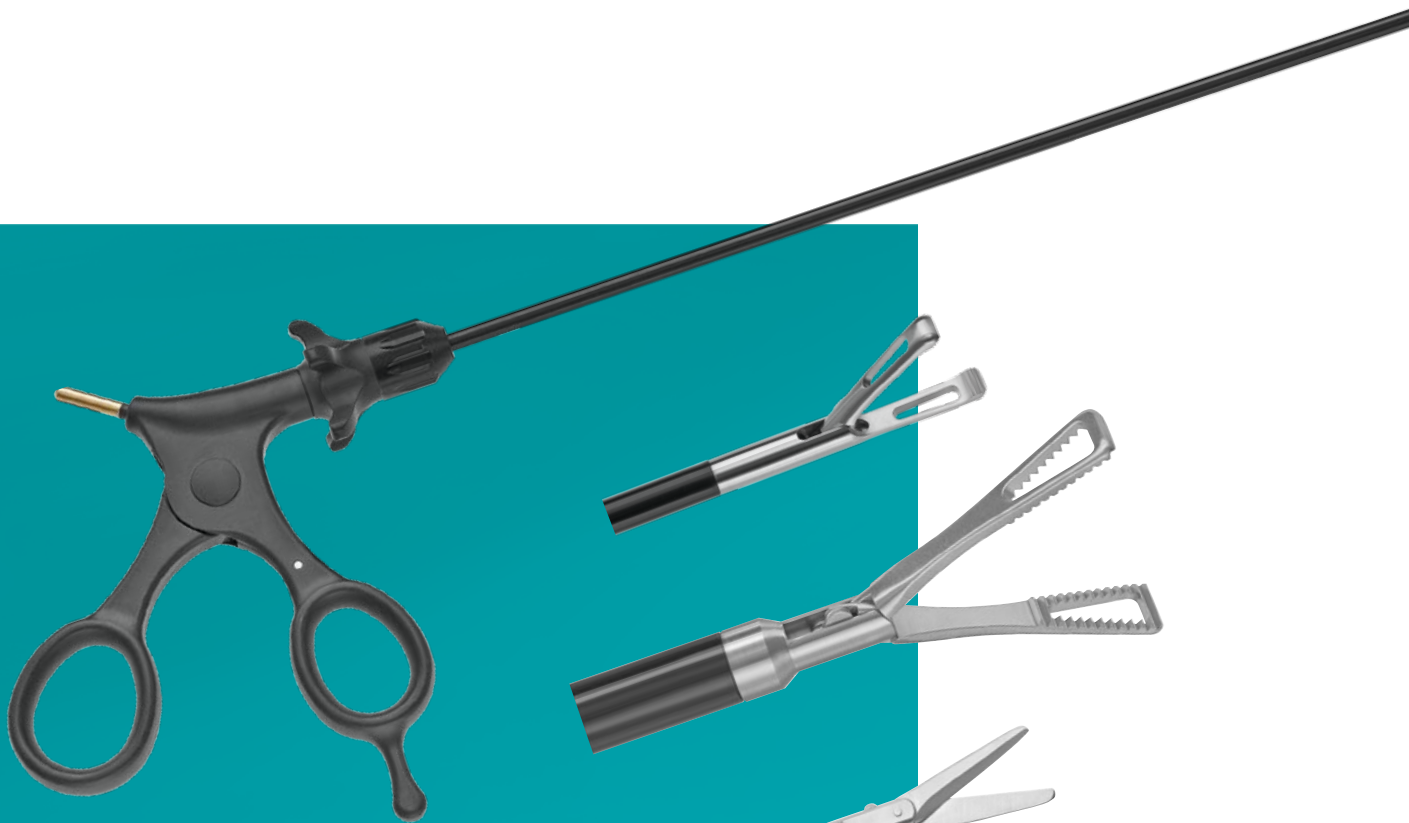
3m	700-285-030*		700-286-030	700-286-130		700-286-230
5m	700-285-050*		700-286-050			



Erbe ACC/ICC

3m	700-101-030	700-102-030	700-103-030			700-286-230
5m	700-101-050		700-103-050		700-104-050	

RING HANDLE INSTRUMENTS



Handles



300-750-101*
PEEK Polymer Handle with
HF - connection



300-750-103*
PEEK Polymer Handle with ratchet
and HF - connection



300-750-105*
PEEK Polymer Handle with hook up
ratchet and HF - connection



300-750-106*
PEEK Polymer Handle with swing-away
ratchet, rotatable and HF - connection



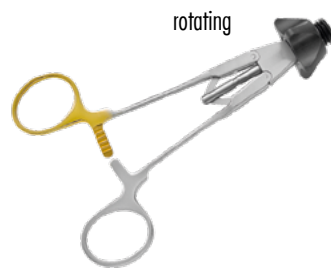
300-750-001
Carbon Fiber Handle, rotating,
HF - connection



300-750-003
Carbon Fiber Handle, rotating,
with ratchet, HF - connection



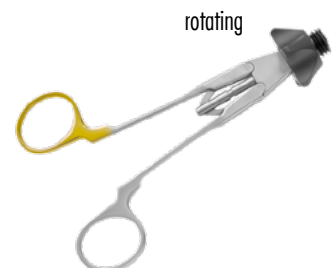
300-750-015
Axial Handle with catch for needle holder
fixed, for all needle holder inserts,
with two gold rings



300-750-115
Axial Handle with catch, rotating,
for standard instrument,
with one golden ring



300-750-215
Axial Handle without catch,
non rotating, for standard instrument,
with two gold rings



300-750-315
Axial Handle without catch, rotating,
for standard instrument, with one gold ring



Outer Sheath, insulated, adaptable to all handles, Ø 5mm

210 mm 300-550-005
 330 mm 300-660-005*
 450 mm 300-760-005*

- exchangeable color coding locking nuts
- advantages in handling and cleaning
- strengthening of the shaft through a partial thickening at the proximal end



Outer Sheath, insulated, adaptable to all handles, Ø 10 mm

210 mm 300-550-010
 330 mm 300-660-010*
 450 mm 300-760-010*

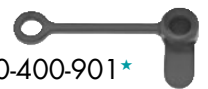


Outer Sheath, insulated, adaptable to all handles, with LuerLock

Ø 5mm 210 mm 300-550-105
 Ø 5mm 330 mm 300-660-105
 Ø 10 mm 330 mm 300-660-110
 Ø 5mm 450 mm 300-760-105
 Ø 10 mm 450 mm 300-760-110



300-400-900
 Rubber Seals for LuerLock connectors
 sales unit: 5 pcs.



300-400-901*
 Rubber Seals for LuerLock connectors
 sales unit: 5 pcs.



Locking Nuts

300-661-005 5mm ●
 300-661-010 10mm ●
 300-661-006 5mm ●
 300-661-007 5mm ●
 300-661-008 5mm ●
 300-661-004 5mm ●
 300-661-009 3.5mm* ●



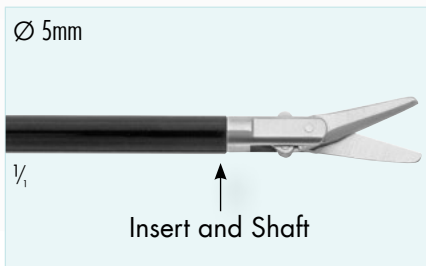
300-661-006OR
 Sealing ring, package of
 10 pieces,
 autoclavable

* for 3.5mm Mini Laparoscopy instruments



3-PIECE MODULAR INSTRUMENT

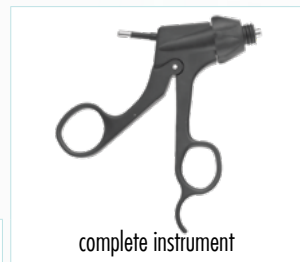
- Long-life and reliable materials
- Large variety of handle designs
- Ratchet mechanism / deactivation



insert only

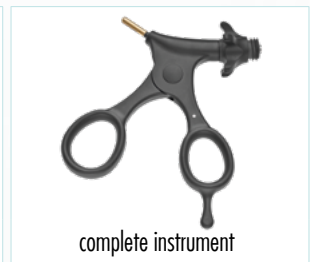
300-400-067

↑
Insert's Catalogue-No.



complete instrument
300-410-067

↑
Catalogue-No. of the
complete Instrument



complete instrument
300-420-067

↑
Catalogue-No. of the
complete Instrument

*Each piece can be ordered separately

*Each piece can be ordered separately



Watch the video on
YouTube

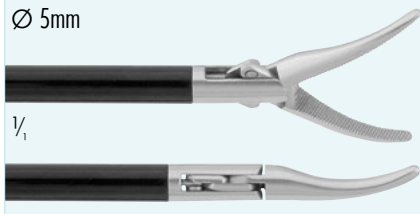


The RZ spherical head locking system for fast assembling / disassembling



Modular 3-piece detachable instrument system consists of:





Catalogue-No. for insert only

300-400-732*



Complete Instrument
with handle 300-750-001

300-410-732

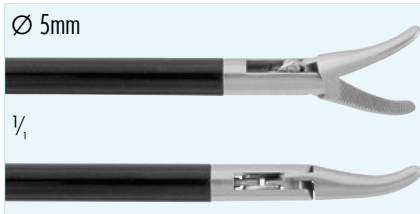


Complete Instrument
with handle 300-750-101

300-420-732*

KELLY

Dissecting forceps curved, slightly tapered, cross-serrated jaws, wide opening, double action, Ø 5mm, 330 mm



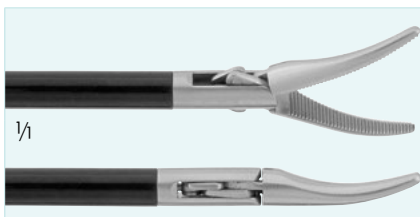
300-400-733

300-410-733

300-420-733

BABY KELLY

Short dissecting and suturing forceps, curved, tapered, cross-serrated jaws, wide opening, double action, Ø 5mm, 330 mm



300-400-731*

300-410-731

300-420-731*

MARYLAND

Extra fine dissector with slightly tapered tip and gently curved for precise dissection, Ø 5mm, 330 mm




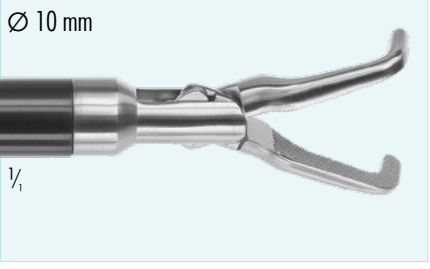
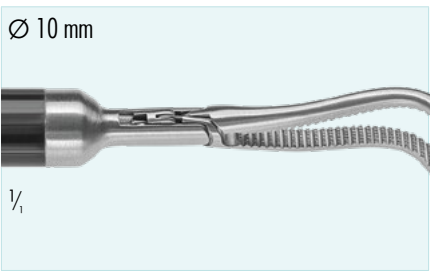


300-400-738*

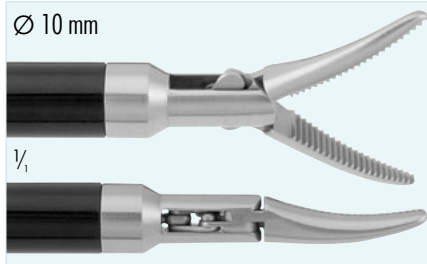
300-410-738

300-420-738*

MIXTER

Fine dissecting forceps, 90° angled, fine serrated jaws, double action, Ø 5mm, 330 mm

	insert only	Complete Instrument with handle 300-750-001	Complete Instrument with handle 300-750-101
<p>Ø 5mm</p>  <p>1/1</p> <p>RIGHT ANGLE Dissecting grasping forceps, fine serrated jaws, double action, Ø 5mm, 330 mm</p>	300-400-735*	300-410-735	300-420-735*
<p>Ø 10 mm</p>  <p>1/1</p> <p>RIGHT ANGLE Dissecting grasping forceps, fine serrated jaws, double action, Ø 10 mm, 330 mm</p>	300-400-736*	300-410-736	300-420-736*
<p>Ø 10 mm</p>  <p>1/1</p> <p>OVERHOLT Dissecting forceps 90° angled jaws, double action, Ø 10 mm, 330 mm</p>	300-400-741	300-410-741	300-420-741
<p>Ø 10 mm</p>  <p>1/1</p> <p>MIXTER Dissecting forceps, 10 mm long tip, 90° angled jaws, double action, Ø 10 mm, 330 mm</p>	300-400-740	300-410-740	300-420-740
<p>Ø 5mm</p>  <p>1/1</p> <p>PETELIN Dissecting forceps, single action jaws, angled 60° left. deep serrations, Ø 5mm, 330 mm</p>	300-400-027	300-410-027	300-420-027



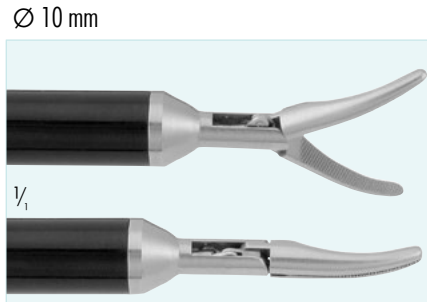
insert only
300-400-730

Complete Instrument
with handle 300-750-001
300-410-730

Complete Instrument
with handle 300-750-101
300-420-730

MARYLAND

Dissecting forceps curved left, blunt jaws, double action, Ø 10 mm, 330 mm



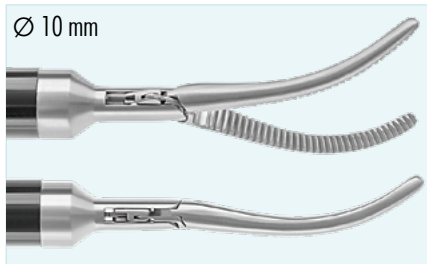
300-400-734

300-410-734

300-420-734

MIXTER 45°

Dissecting forceps curved with long fine serrated jaws, double action, Ø 10 mm, 330 mm



300-400-737

300-410-737

300-420-737

OVERHOLT-MIXTER

Dissecting forceps curved with slim long serrated jaws, double action, Ø 10 mm, 330 mm



300-400-739*

300-410-739

300-420-739*

MIXTER 90°


Dissecting forceps 90° angled, serrated jaws, double action, Ø 10 mm, 330 mm



insert only
300-400-044



Complete Instrument
with handle 300-750-001
300-410-044



Complete Instrument
with handle 300-750-101
300-420-044

ADHESION FORCEPS

Serrated jaws, one fenestrated, double action, ∅ 5mm, 330 mm



300-400-109

300-410-109

300-420-109

GRASPING FORCEPS

1x2 teeth, single action, ∅ 5mm, 330 mm



300-400-251*

300-410-251

300-420-251*

BABCOCK

Grasping Forceps, single action, ∅ 5mm, 330 mm



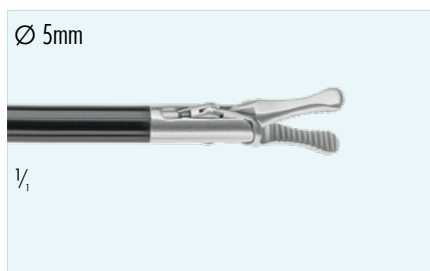
300-400-023

300-410-023

300-420-023

JOHANS

Grasping Forceps, fenestrated jaws, serrated, 12mm, single action, ∅ 5mm, 330 mm



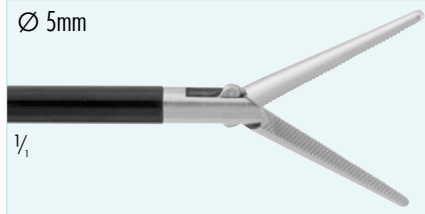
300-400-087

300-410-087

300-420-087

DUCKBILL

Grasping Forceps, serrated, double action, ∅ 5mm, 330 mm



insert only
300-400-016*



300-410-016



300-420-016*

NEEDLE NOSE

Dissecting and grasping forceps with tapered and fine, cross-serrated jaws, double action, Ø 5mm, 330 mm



300-400-003

300-410-003

300-420-003

NEEDLE NOSE

Dissecting and grasping forceps with tapered and fine, cross-serrated jaws, single action, Ø 5mm, 330 mm



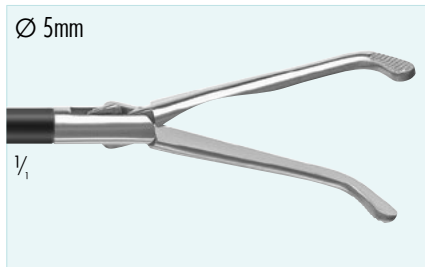
300-400-040

300-410-040

300-420-040

FENESTRATED BULLNOSE

Dissecting and grasping forceps with delicate, fenestrated and flat jaws, deep serration, double action, Ø 5mm, 330 mm



300-400-610

300-430-610

300-440-610

PYLORUS

Spreader, double action, Ø 5mm, 330 mm



insert only
300-400-025*

300-410-025

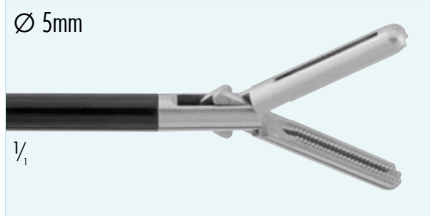
300-420-025*

300-430-025

300-440-025*

DOLPHIN

Dissecting and grasping forceps with biopsy cup and fine serrated and tapered jaws, double action, Ø 5mm, 330 mm



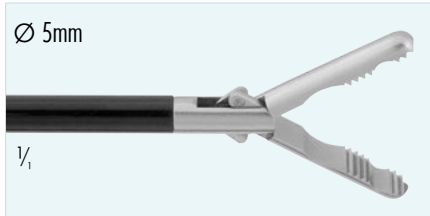
insert only
300-400-012*

Complete Instrument with handle 300-750-003
300-430-012

Complete Instrument with handle 300-750-103
300-440-012*

JAEGER

Grasping forceps with fenestrated jaws, DeBakey serration, 20 mm, double action, Ø 5mm, 330 mm



300-400-015*

300-430-015

300-440-015*

FUNDUS

Grasping forceps with 2 cups and serrated jaws, double action, Ø 5mm, 330 mm



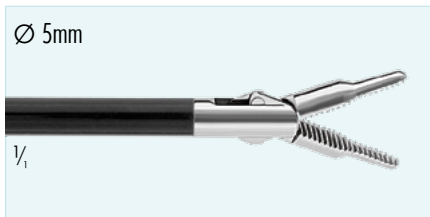
300-400-005

300-430-005

300-440-005

BULLDOG

Grasping forceps with fine serrated jaws, single action, Ø 5mm, 330 mm




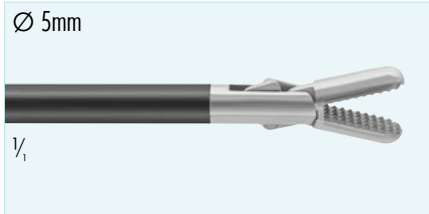

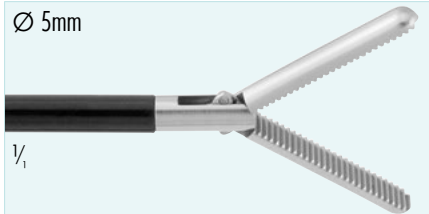

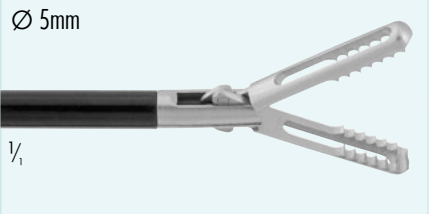
300-400-021

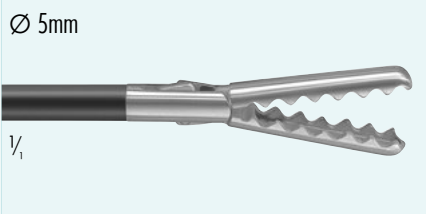

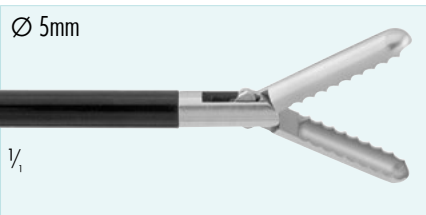
300-430-021

300-440-021

DOLPHIN

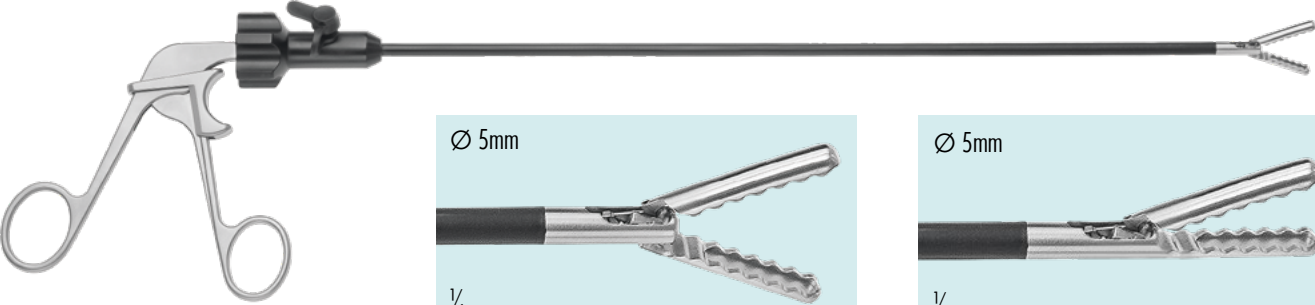
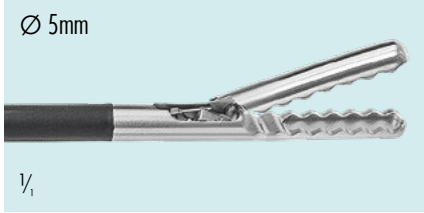
Grasping and dissecting forceps with fine serrated tapered jaws, double action, Ø 5mm, 330 mm




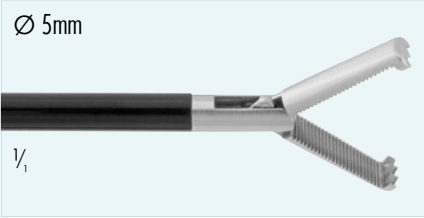


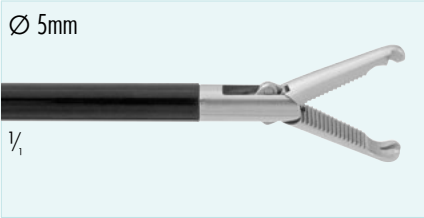

	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103	Complete Instrument with handle 300-750-105
 <p>Ø 5mm 1/1</p>	300-400-001*	300-430-001	300-440-001*	300-460-001*
BULLNOSE Grasping forceps, heavy pattern, standard serrated jaws, double action, Ø 5mm, 330 mm				
 <p>Ø 5mm 1/1</p>	300-400-008	300-430-008	300-440-008	300-460-008
STRONG TC GRASPER Grasping forceps with Tungsten Carbide jaw inserts, heavy pattern, pyramidal tip, serrated jaws, double action, Ø 5mm, 330 mm				
 <p>Ø 5mm 1/1</p>	300-400-029*	300-430-029	300-440-029*	300-460-029*
STRONG TC GRASPER Grasping forceps with Tungsten Carbide jaw inserts, heavy pattern, pyramidal tip, serrated, 1.5mm long jaws, double action, Ø 5mm, 330 mm				
 <p>Ø 5mm 1/1</p>	300-400-002	300-430-002	300-440-002	300-460-002
XL BULLNOSE Grasping forceps, standard serrated jaws, double action, Ø 5mm, 330 mm				
 <p>Ø 5mm 1/1</p>	300-400-000	300-430-000	300-440-000	300-460-000
STANDARD Grasping forceps with biopsy cup, heavy pattern, standard serrated jaws, double action, Ø 5mm, 330 mm				
 <p>Ø 5mm 1/1</p>	300-400-017*	300-430-017	300-440-017*	300-460-017*
GRIPPER #1 Grasping forceps with coarse-serrated, fenestrated jaws, double action, Ø 5mm, 330 mm				

	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103	Complete Instrument with handle 300-750-105
 <p>Ø 5mm 1/1</p> <p>PRESTIGE Atraumatic grasping forceps with long, wave shaped jaws and deep cup with lateral serration, double action, Ø 5mm, 330 mm</p>	300-400-013*	300-430-013	300-440-013*	300-460-013*
 <p>Ø 5mm 1/1</p> <p>PRESTIGE Grasping Forceps, wave-shaped lateral serration, and deep cup, single action, atraumatic, Ø 5mm, 330 mm</p>	300-400-033*	300-430-033	300-440-033*	300-460-033*
 <p>Ø 5mm 1/1</p> <p>ALLIGATOR Grasping forceps with fine sharp lateral teeth and deep cup, double action, Ø 5mm, 330 mm</p>	300-400-053	300-430-053	300-440-053	300-460-053

NON-DETACHABLE PRESTIGE FORCEPS

Complete Instrument, rotating, insulated, with prestige handle and Luer-Lock connection, 330mm working length

 <p>Ø 5mm 1/1</p> <p>300-111-013 Double action jaws</p>	 <p>Ø 5mm 1/1</p> <p>300-111-033 Single action jaws</p>
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	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103	Complete Instrument with handle 300-750-105	
	300-400-004*	300-430-004	300-440-004*	300-460-004*	
KOCHER Grasping forceps with aggressive 3 x 4 teeth and serrated inner jaws, double action, Ø 5mm, 330 mm					
	300-400-006	300-430-006	300-440-006	300-460-006	
KOCHER Grasping forceps with aggressive 2 x 4 teeth and serrated inner jaws, single action, Ø 5mm, 330 mm					
	300-400-014	300-430-014	300-440-014	300-460-014	
ALLIS Grasping forceps with 1 x 2 teeth and smooth inner jaws, single action, Ø 5mm, 330 mm					
	300-400-009	300-430-009	300-440-009	300-460-009	
ALLIS Grasping forceps with 1 x 2 teeth and serrated inner jaws, double action, Ø 5mm, 330 mm					
	300-400-201*	300-430-201	300-440-201*	300-460-201*	
COBRA Grasping forceps with sharp 2 x 4 teeth and serrated inner jaws, double action, Ø 5mm, 330 mm					



insert only
300-400-011*

Complete Instrument
with handle 300-750-003
300-430-011

Complete Instrument
with handle 300-750-103
300-440-011*

Complete Instrument
with handle 300-750-105
300-460-011*

MARTIN

Grasping forceps with multiple fine serrations, 4.8 mm wide jaws, single action, Ø 5mm, 330 mm



300-400-713*

300-430-713

300-440-713*

300-460-713*

CLAW GRASPER

Grasping forceps, aggressive 2 x 3 teeth and smooth inner jaws, single action, Ø 5mm, 330 mm



300-401-713

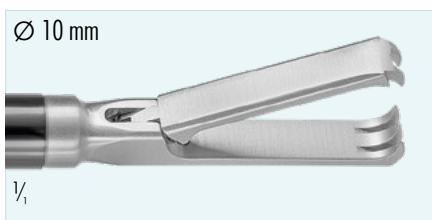
300-431-713

300-441-713

300-461-713

CLAW GRASPER

Grasping forceps, aggressive 2 x 3 teeth and smooth inner jaws, single action, Ø 5mm, 450 mm



300-400-710*

300-430-710

300-440-710*

300-460-710*

CLAW GRASPER

Grasping forceps, aggressive 2 x 3 teeth and smooth inner jaws, single action, Ø 10 mm, 330 mm



300-400-717

300-430-717

300-440-717

300-460-717

DAVIS

Grasping forceps, blunt interlocking 2 x 3 teeth and long ridged inner jaws, double action, Ø 5mm, 330 mm



300-400-715

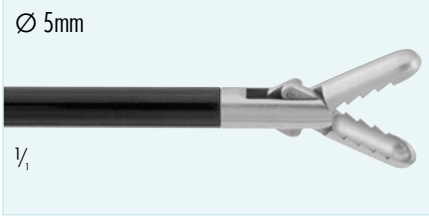
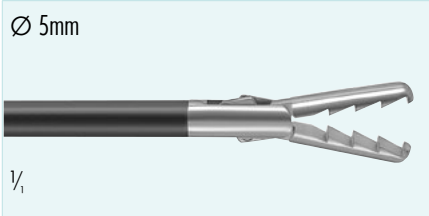
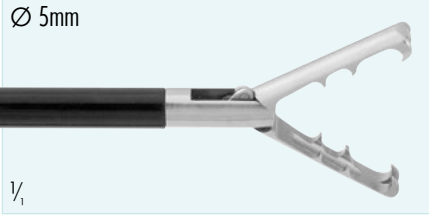
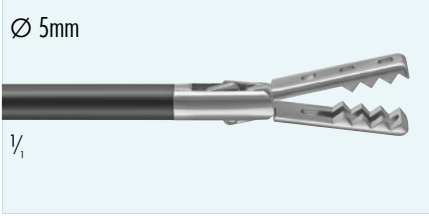
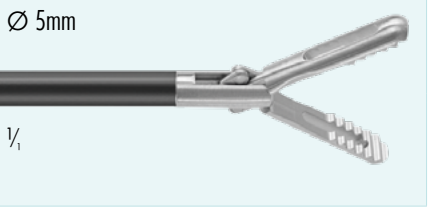
300-430-715


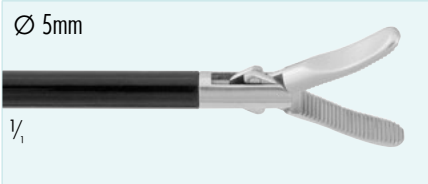




300-440-715


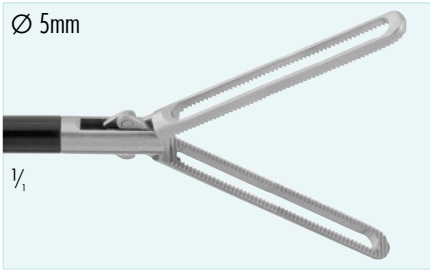

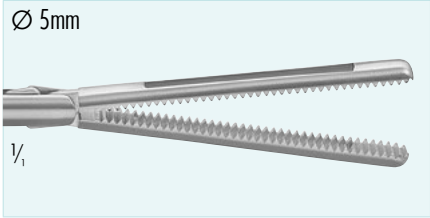
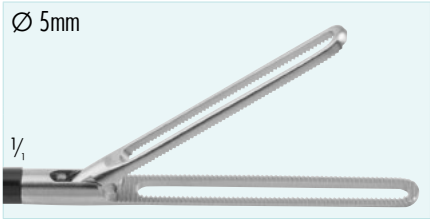
300-460-715

ST. ANDREWS

Grasping forceps, with sharp 2 x 4 teeth and wave shaped inner jaws, double action, Ø 5mm, 330 mm


	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103	Complete Instrument with handle 300-750-105
 <p>Ø 5mm 1/1</p>	300-400-051	300-430-051	300-440-051	300-460-051
<p>ALLIGATOR SPOON Grasping forceps with cupped jaws, aggressive retrograde lateral teeth, double action, Ø 5mm, 330 mm</p>				
 <p>Ø 5mm 1/1</p>	300-400-010*	300-430-010	300-440-010*	300-460-010*
<p>ALLIGATOR Grasping forceps with strong retrograde serrations, double action, Ø 5mm, 330 mm</p>				
 <p>Ø 5mm 1/1</p>	300-400-048	300-430-048	300-440-048	300-460-048
<p>SHARK Grasping forceps with very sharp and aggressive lateral retrograde teeth, double action, Ø 5mm, 330 mm</p>				
 <p>Ø 5mm 1/1</p>	300-400-018	300-430-018	300-440-018	300-460-018
<p>CLINCH Grasping forceps with strong serration and fenestrated jaws, double action, Ø 5mm, 330 mm</p>				
 <p>Ø 5mm 1/1</p>	300-400-049	300-430-049	300-440-049	300-460-049
<p>ENDOCLINCH Grasping forceps, wave-shaped, fenestrated, double action, Ø 5mm, 330 mm</p>				


	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103
 <p>Ø 5mm 1/1</p> <p>PIN GRASPER Grasping Forceps with fine 1x2 teeth, smooth inner jaws, double action, Ø 5mm, 330 mm</p>	300-400-042	300-410-042	300-420-042
 <p>Ø 5mm 1/1</p> <p>OVARY Grasping forceps with fine serrated, wave shaped jaws, double action, Ø 5mm, 330 mm</p>	300-400-045	300-410-045	300-420-045
 <p>Ø 5mm 1/1</p> <p>TUBAL Dissecting and grasping forceps with smooth jaws, double action, Ø 5mm, 330 mm</p>	300-400-046	300-410-046	300-420-046
 <p>Ø 5mm 1/1</p> <p>DUCKBILL Grasping and dissecting forceps with flat jaws, fine serrations, double action, Ø 5mm, 330 mm</p>	300-400-024	300-410-024	300-420-024
 <p>Ø 5mm 1/1</p> <p>PETITE Micro Grasping Forceps, double action, fenestrated, fine jaw, fine serration</p>	300-400-032	300-410-032	300-420-032
 <p>Ø 5mm 1/1</p> <p>PETELIN Grasping and Dissecting Forceps with serrated jaws, curved left, single action, Ø 5mm, 330 mm</p>	300-400-026	300-410-026	300-420-026


	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103	Complete Instrument with handle 300-750-105
 <p>Ø 5mm 1/1</p> <p>JOHANS Grasping forceps with 20 mm fenestrated jaws, double action, Ø 5mm, 330 mm</p>	300-400-289*	300-430-289	300-440-289*	300-470-289*
 <p>Ø 5mm 1/1</p> <p>LONG JOHANS Grasping forceps with 40 mm fenestrated jaws, double action, Ø 5mm, 330 mm</p>	300-400-291*	300-430-291	300-440-291*	300-470-291*
 <p>Ø 5mm 1/1</p> <p>DORSEY Grasping forceps with 12 mm fenestrated jaws, double action, Ø 5mm, 330 mm</p>	300-400-285*	300-430-285	300-440-285*	300-470-285*
 <p>Ø 5mm 1/1</p> <p>LONG DORSEY Grasping forceps with 45 mm fenestrated jaws, double action, Ø 5mm, 330 mm</p>	300-400-287	300-430-287	300-440-287	300-470-287
 <p>Ø 5mm 1/1</p> <p>LONG JOHANS Grasping forceps with 40 mm fenestrated jaws, single action, Ø 5mm, 330 mm</p>	300-400-288	300-430-288	300-440-288	300-470-288



insert only
300-400-284*


Complete Instrument with handle 300-750-003
300-430-284


Complete Instrument with handle 300-750-103
300-440-284*


Complete Instrument with handle 300-750-105
300-470-284*

JOHANS
Grasping forceps with 20 mm fenestrated jaws, single action, Ø 5mm, 330 mm



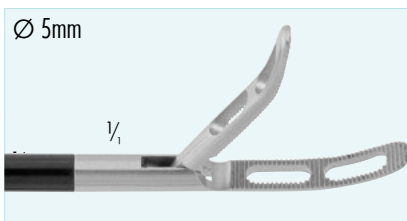
300-400-310*
300-400-312**

300-430-310
300-430-312*

300-440-310*
300-440-312**

300-470-310*
300-470-312**

MARQUES
Grasping forceps with 2 fenestrations, single action, Ø 5mm, 330 mm
* with 3 fenestrations



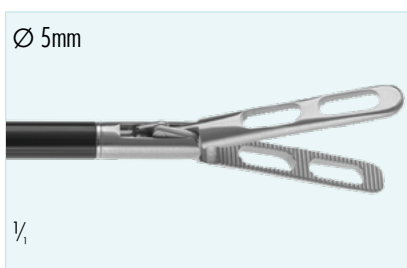
300-400-314*

300-430-314

300-440-314*

300-470-314*

MARQUES
Grasping forceps with 2 fenestrations, bent up, single action, Ø 5mm, 330 mm



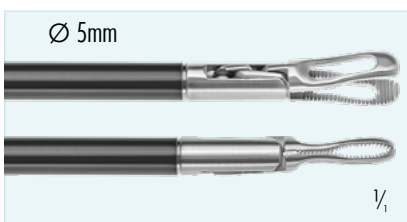
300-400-311
300-400-313*

300-430-311
300-430-313*

300-440-311
300-440-313*

300-470-311
300-470-313*

MARQUES
Grasping forceps with 2 fenestrations, double action, Ø 5mm, 330 mm
* with 3 fenestrations






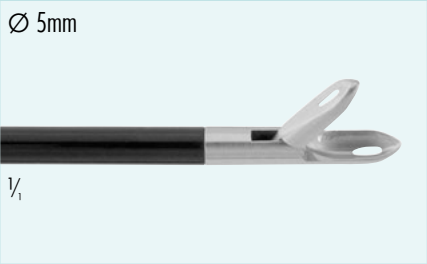

300-400-052*

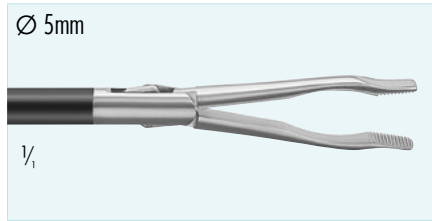
300-430-052

300-440-052*

300-470-052*

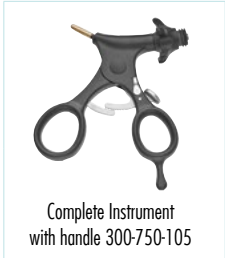
GRASPER
Atraumatic Grasping forceps with fenestrated jaws, fine serrations, double action, Ø 5mm, 330 mm

	insert only	Complete Instrument with handle 300-750-001	Complete Instrument with handle 300-750-101
<p>Ø 5mm</p>  <p>1/1</p> <p>Biopsy forceps with 2 pinholes, sharp oval cups, double action, Ø 5mm, 330 mm</p>	300-400-080*	300-410-080	300-420-080*
<p>Ø 5mm</p>  <p>1/1</p> <p>Biopsy forceps with sharp oval cups, double action, Ø 5mm, 330 mm</p>	300-400-082	300-410-082	300-420-082
<p>Ø 5mm</p>  <p>1/1</p> <p>Biopsy forceps with 2 pins, sharp oval cups, single action, Ø 5mm, 330 mm</p>	300-400-521	300-410-521	300-420-521
<p>Ø 5mm</p>  <p>1/1</p> <p>BLAKESLEY Biopsy forceps with sharp cups, single action, Ø 5mm, 330 mm</p>	300-400-086	300-410-086	300-420-086
<p>Ø 5mm</p>  <p>1/1</p> <p>Hook punch forceps, thru-cutting, single action, Ø 5mm, 330 mm</p>	300-400-100	300-410-100	300-420-100



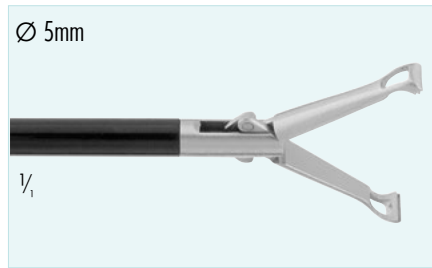
insert only

300-400-250	300-430-250	300-440-250	300-470-250
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BABCOCK PADDLE

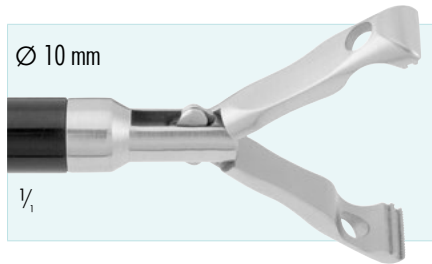
Grasping forceps with flat paddles and fine serration for atraumatic grip of delicate tissue, double action, Ø 5mm, 330 mm



300-400-252*	300-430-252	300-440-252*	300-470-252*
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BABCOCK

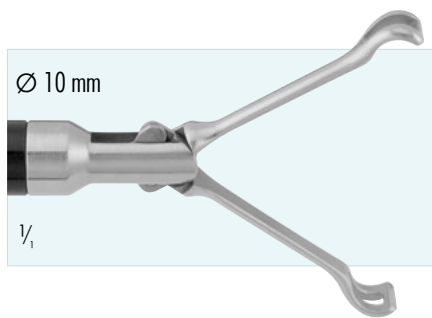
Traditional style Babcock grasping forceps, rounded jaws with fine serrations, double action, Ø 5mm, 330 mm



300-400-079	300-430-079	300-440-079	300-470-079
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DEBAKEY BABCOCK

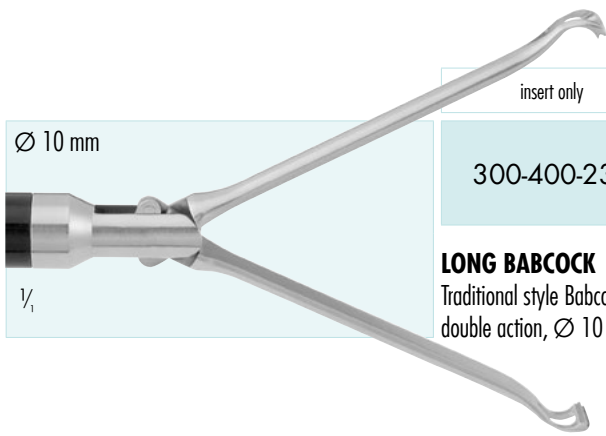
Traditional style Babcock grasping forceps, rounded jaws with atraumatic DeBaKey serration, double action, Ø 10 mm, 330 mm



300-400-078*	300-430-078	300-440-078*	300-470-078*
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BABCOCK

Traditional style Babcock grasping forceps with medium jaws, rounded jaws with fine serrations, double action, Ø 10 mm, 330 mm



insert only
300-400-234

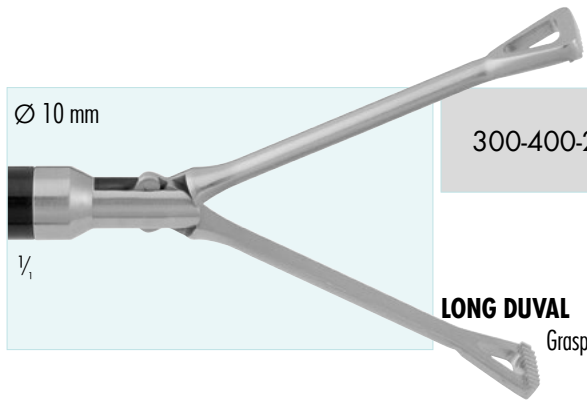
Complete Instrument
with handle 300-750-003
300-430-234

Complete Instrument
with handle 300-750-103
300-440-234

Complete Instrument
with handle 300-750-105
300-470-234

LONG BABCOCK

Traditional style Babcock grasping forceps with long jaws, rounded jaws with fine serrations, double action, ∅ 10 mm, 330 mm



300-400-280

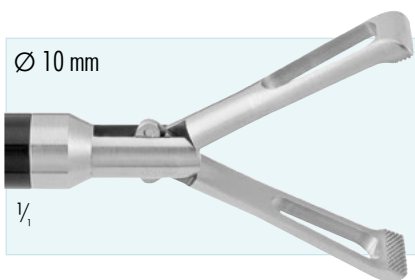
300-430-280

300-440-280

300-470-280

LONG DUVAL

Grasping forceps with long jaws, V-shaped tip with fine serrations, double action, ∅ 10 mm, 330 mm



300-400-084

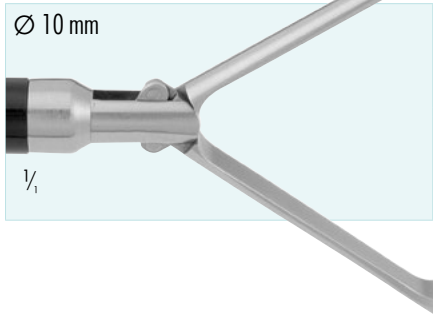
300-430-084

300-440-084




300-470-084

COLLIN-DUVAL

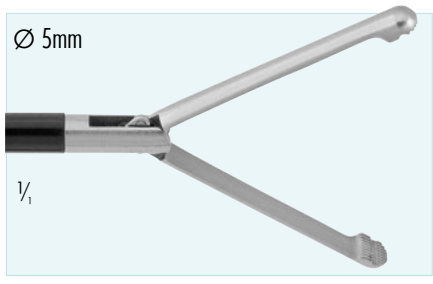
Grasping forceps, V-shaped tip with fine serrations on the tip, double action, ∅ 10 mm, 330 mm



Ø 10 mm
1/4

insert only	 Complete Instrument with handle 300-750-003	 Complete Instrument with handle 300-750-103	 Complete Instrument with handle 300-750-105
300-400-074	300-430-074	300-440-074	300-470-074

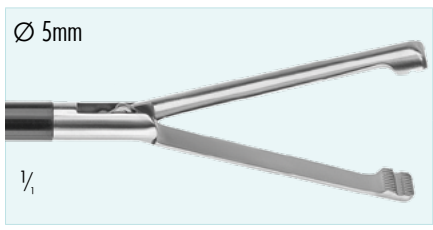
ALLIS
Traditional Allis grasping forceps, with fine serrations on the tip, double action, Ø 10 mm, 330 mm



Ø 5mm
1/4

300-400-097	300-430-097	300-440-097	300-470-097
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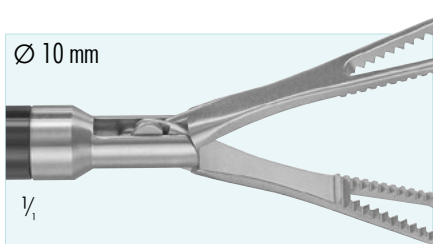
SLIM ALLIS
Grasping forceps with delicate jaws and with fine serrations on the tip, double action, Ø 5mm, 330 mm



Ø 5mm
1/4

300-400-197	300-430-197	300-440-197	300-470-197
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ALLIS
Bowell grasping forceps, 4 mm x 35mm, double action, Ø 5mm, 330 mm



Ø 10 mm
1/4

300-400-085*	300-430-085	300-440-085*	300-470-085*
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COLLIN
Grasping forceps, V-shaped tip with deep serrations for firm grip, double action, Ø 10 mm, 330 mm



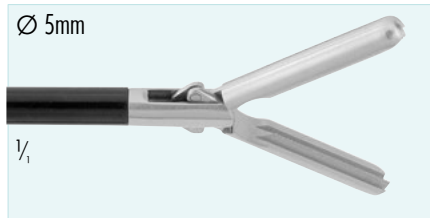
insert only
300-400-243

Complete Instrument
with handle 300-750-003
300-430-243

Complete Instrument
with handle 300-750-103
300-440-243

Complete Instrument
with handle 300-750-105
300-460-243

DEBAKEY
Pick-up forceps with fine 22 mm long atraumatic serrations, 38 mm jaws, double action, Ø 5mm, 330 mm



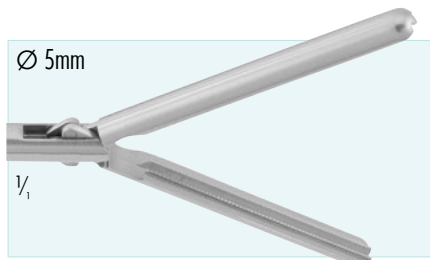
300-400-244

300-430-244

300-440-244

300-460-244

DEBAKEY
Atraumatic grasping forceps, fine atraumatic serrations, double action, 25mm jaws, Ø 5mm, 330 mm



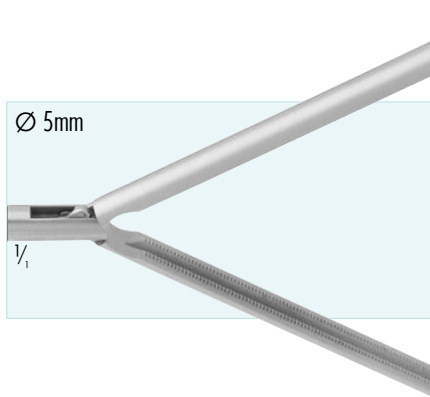
300-400-245

300-430-245

300-440-245

300-460-245

DEBAKEY
Atraumatic grasping forceps, fine atraumatic serrations, double action, 40 mm jaws, Ø 5mm, 330 mm



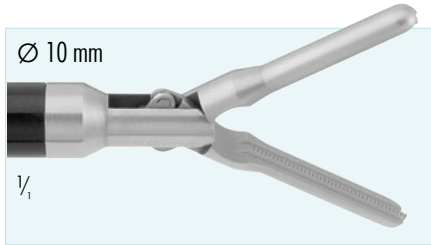
300-400-246

300-430-246

300-440-246

300-460-246

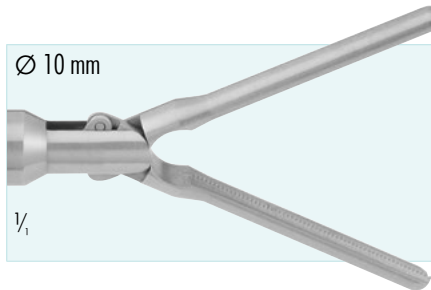
DEBAKEY
Atraumatic grasping forceps, fine atraumatic serrations, double action, 60 mm jaws, Ø 5mm, 330 mm



insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103	Complete Instrument with handle 300-750-105
300-400-263	300-430-263	300-440-263	300-460-263

DEBAKEY

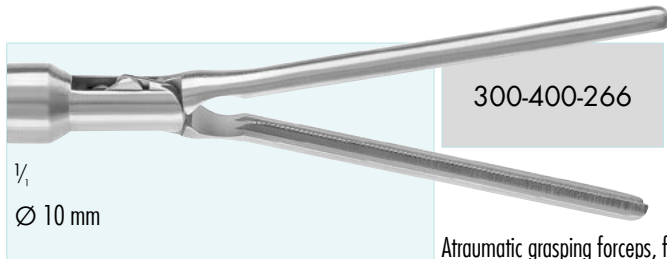
Atraumatic grasping forceps, fine atraumatic serrations, double action, 25mm jaws, Ø 10 mm, 330 mm



300-400-264	300-430-264	300-440-264	300-460-264
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DEBAKEY

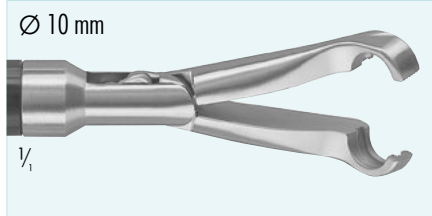
Atraumatic grasping forceps, fine atraumatic serrations, double action, 40 mm jaws, Ø 10 mm, 330 mm



300-400-266	300-430-266	300-440-266	300-460-266
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DEBAKEY

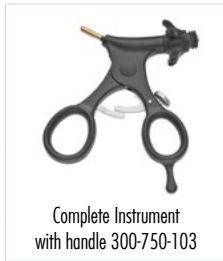
Atraumatic grasping forceps, fine atraumatic serrations, double action, 60 mm jaws, Ø 10 mm, 330 mm



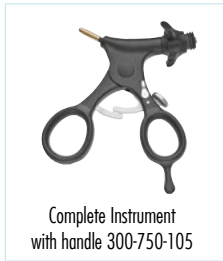
insert only
300-400-295



300-430-295



300-440-295



300-460-295

ANVIL
Grasping forceps with specially shaped jaws to grasp and hold the anvil of a circular stapler, double action, Ø 10 mm, 330 mm



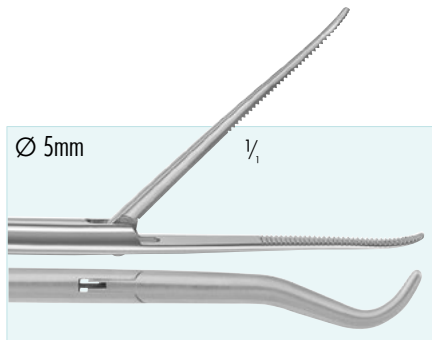
300-400-286

300-430-286

300-440-286

300-460-286

DORSEY
Grasping forceps, fenestrated jaws with medium serrations, double action, Ø 10 mm, 330 mm



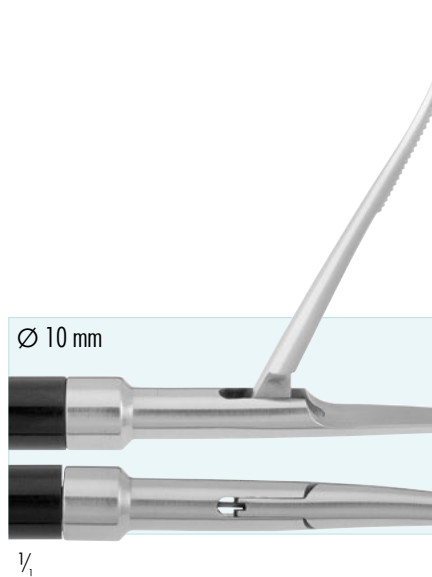
300-400-030

300-430-030

300-440-030

300-460-030

GEEGEE
Dissecting and grasping forceps with fine jaws, strongly curved and fine serrations, single action, Ø 5 mm, 330 mm



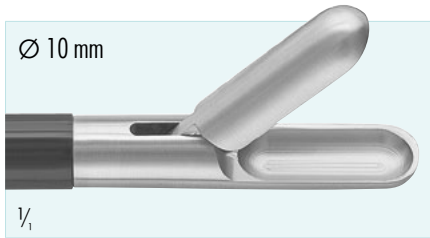
300-400-076

300-430-076

300-440-076

300-460-076

GEEGEE
Dissector and grasping forceps with fine jaws, strongly curved and fine serration, single action, Ø 10 mm, 330 mm



insert only
300-400-720*

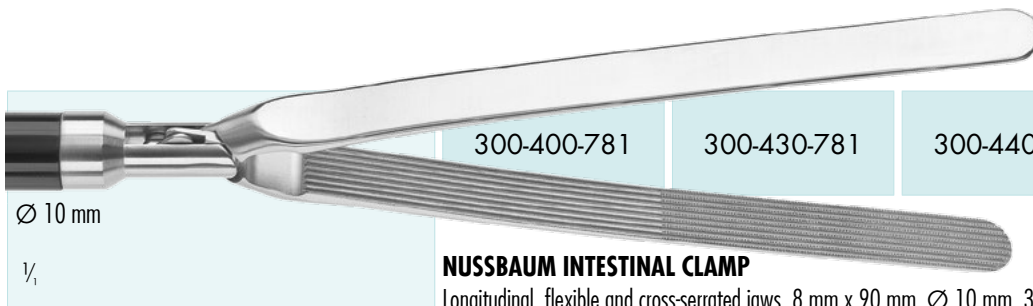
Complete Instrument
with handle 300-750-003
300-430-720

Complete Instrument
with handle 300-750-103
300-440-720*

Complete Instrument
with handle 300-750-105
300-460-720*

SPOON

Forceps with sharp, cup-shaped jaws for tissue or stone removal, **single action**, Ø 10 mm, 330 mm



300-400-781

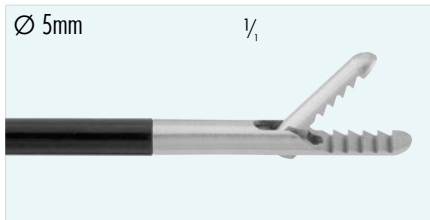
300-430-781

300-440-781

300-460-781

NUSSBAUM INTESTINAL CLAMP

Longitudinal, flexible and cross-serrated jaws, 8 mm x 90 mm, Ø 10 mm, 330 mm



300-400-700

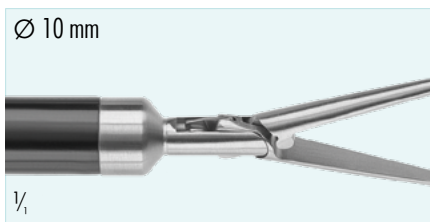
300-430-700

300-440-700

300-460-700

RETROGRADE

Grasping and extracting forceps with deep retrograde serration for a secure grip of tissue, **single action**, Ø 5mm, 330 mm



300-400-753*

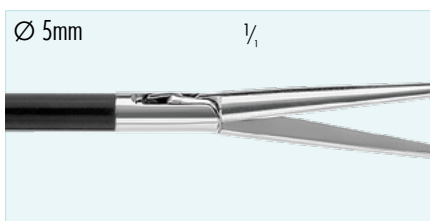
300-430-753

300-440-753*

300-460-753*

TENACULUM FORCEPS

35mm long jaws, **double action**, Ø 10 mm, 330 mm



300-400-751*

300-430-751

300-440-751*

300-460-751*

TENACULUM FORCEPS

35mm long jaws, **double action**, Ø 5mm, 330 mm



Complete Instrument
with handle 300-750-015

insert only

Ø 5mm

300-400-200*

300-490-200

1/1

SATINSKY

Grasping Forceps, 50 mm atraumatic jaws, Ø 5mm, 330 mm

Ø 5mm

300-400-202

300-490-202

1/1

SATINSKY

Grasping Forceps, 40 mm atraumatic jaws, Ø 5mm, 330 mm

Ø 5mm



300-400-206


300-490-206

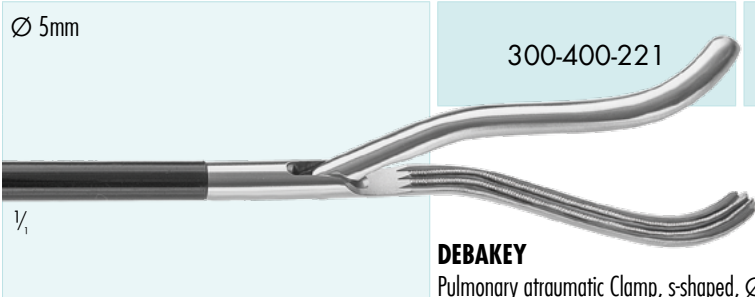
1/1

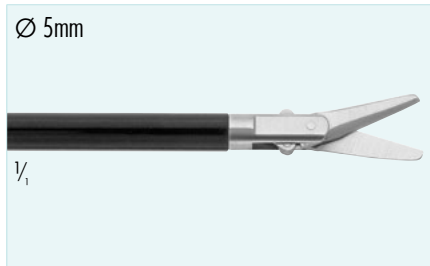
CRAFOORD

Thorax clamp, 50 mm atraumatic jaws, Ø 5mm, 330 mm

 <p>Ø 5mm</p> <p>1/1</p>	<p>insert only</p> <p>300-400-204</p>	 <p>Complete Instrument with handle 300-750-015</p> <p>300-490-204</p>
	<p>CRAFOORD Thorax clamp, 35mm atraumatic jaws, Ø 5mm, 330 mm</p>	

 <p>Ø 5mm</p> <p>1/1</p>	<p>300-400-220*</p>	<p>300-490-220</p>
	<p>DEBAKEY Pulmonary atraumatic Clamp, curved shape, Ø 5mm, 330 mm</p>	

 <p>Ø 5mm</p> <p>1/1</p>	<p>300-400-221</p>	<p>300-490-221</p>
	<p>DEBAKEY Pulmonary atraumatic Clamp, s-shaped, Ø 5mm, 330 mm</p>	



insert only

300-400-067*



300-410-067



300-420-067*

ORIGINAL METZENBAUM

Scissors, short blades (12 mm), slightly curved, double action, Ø 5mm, 330 mm



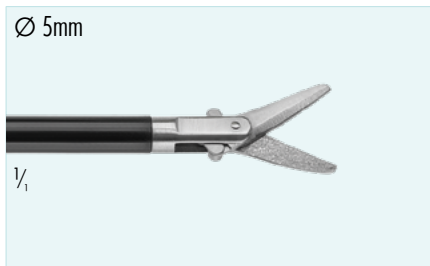
300-400-069*

300-410-069

300-420-069*

METZENBAUM

Scissors, short blades (12 mm), straight, double action, Ø 5mm, 330 mm



300-400-172

300-410-172

300-420-172

METZENBAUM

Scissors, short, with **Diamond Dusted** blades (12 mm), curved, double action, Ø 5mm, 330 mm



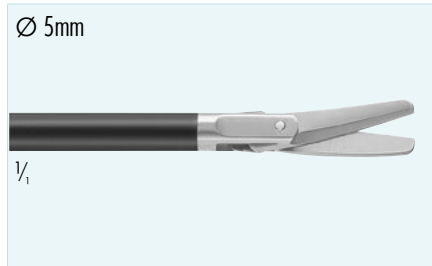
300-400-168

300-410-168

300-420-168

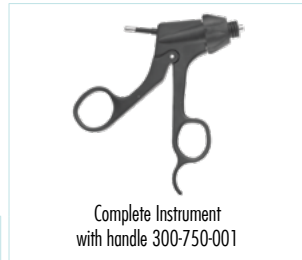
METZENBAUM

Scissors, medium, with **Diamond Dusted** blades (15mm), straight, double action, Ø 5mm, 330 mm

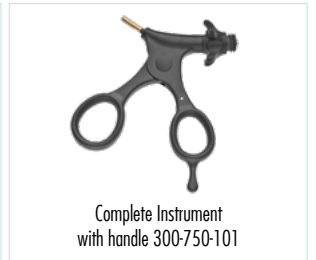


insert only

300-400-072*



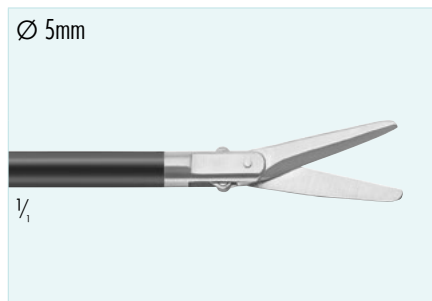
300-410-072



300-420-072*

METZENBAUM

Scissors, medium blades (15mm), slightly curved, double action, Ø 5mm, 330 mm



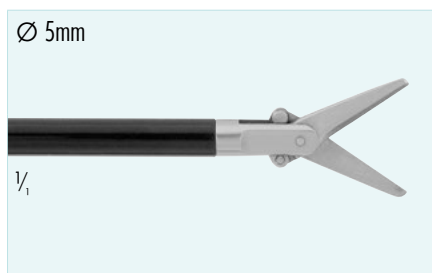
300-400-070*

300-410-070

300-420-070*

METZENBAUM

Scissors, long blades (18 mm), slightly curved, double action, Ø 5mm, 330 mm



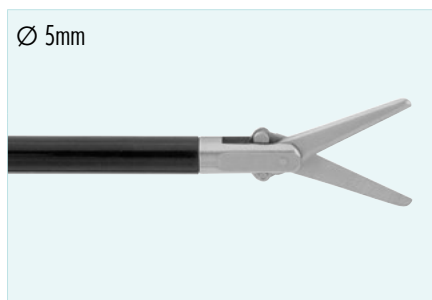
300-400-068*

300-410-068

300-420-068*

METZENBAUM

Scissors, medium blades (15mm), straight, double action, Ø 5mm, 330 mm



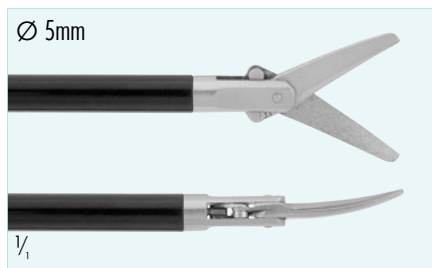
300-400-071

300-410-071

300-420-071

METZENBAUM

Scissors, long blades (18 mm), straight, double action, Ø 5mm, 330 mm



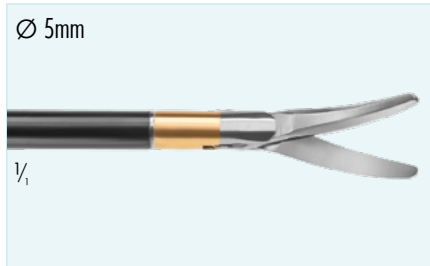
300-400-169

300-410-169

300-420-169

METZENBAUM

Scissors, medium blades (15mm) coated with **Diamond Dust**, slightly curved, double action, Ø 5mm, 330 mm, **DD-Coating** gives the scissors' blades a more durable cutting performance.



insert only

300-400-170

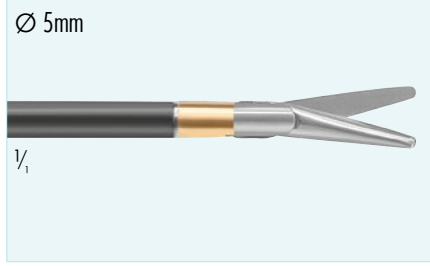


300-410-170



300-420-170

TC METZENBAUM
Scissors, long blades (18 mm) with **Tungsten Carbide** inserts, strong curved, double action, Ø 5mm, 330 mm

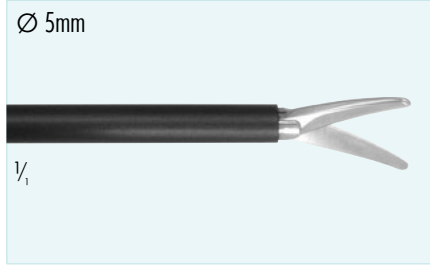


300-400-171

300-410-171

300-420-171

TC METZENBAUM
Scissors, short blades (12 mm) with **Tungsten Carbide** inserts, slight curved, double action, Ø 5mm, 330 mm

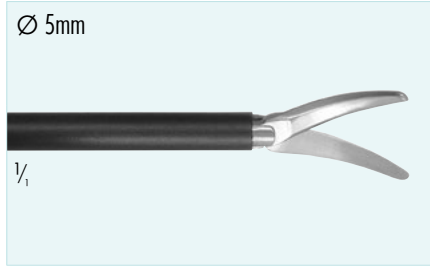


300-400-180

300-410-180

300-420-180

HINGELESS TC METZENBAUM
Scissors, long blades (18 mm), curved, double action, Ø 5mm, 330 mm, with **Tungsten Carbide** inserts
For use with shaft 300-660-015 only

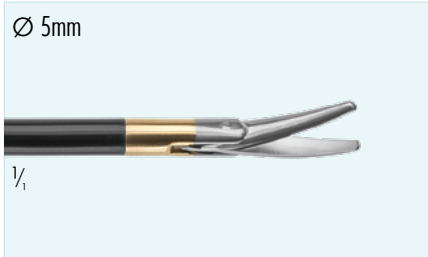


300-400-181

300-410-181

300-420-181

HINGELESS TC METZENBAUM
Scissors, short blades (12 mm), curved, double action, Ø 5mm, 330 mm, with **Tungsten Carbide** inserts
For use with shaft 300-660-015 only



insert only

300-400-173



300-410-173



300-420-173

METZENBAUM TC

TC Scissors, medium blades (15mm), curved, double action, Ø 5mm, 330 mm



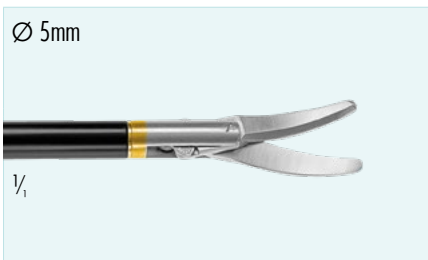
300-400-065

300-410-064

300-420-064

METZENBAUM

Scissors, bow shape curved, 16mm blades, fine serrated, double action, Ø 5mm, 330 mm



300-400-165*

300-410-165

300-420-165*

METZENBAUM TC

TC Scissors, bow shape curved, 16mm blades, fine serrated, double action, Ø 5mm, 330 mm



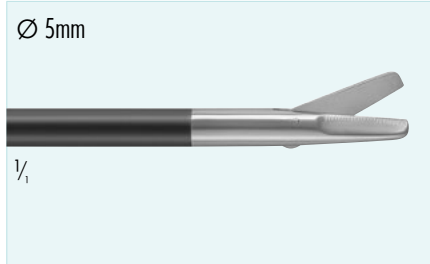
300-400-056

300-410-056

300-420-056

METZENBAUM

Scissors, slightly curved, double action, Ø 10 mm, 330 mm

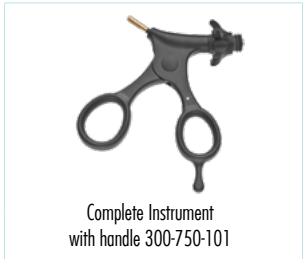


insert only

300-400-063



300-410-063



300-420-063

PERITONEAL

Scissors, delicate with fine serrated blades, straight, single action, Ø 5mm, 330 mm



300-400-060*

300-410-060

300-420-060*

HOOK

Scissors with round cutting blades, single action, Ø 5mm, 330 mm



300-400-062

300-410-062

300-420-062

HOOK

Scissors with round cutting blades, fine serrated lower blade, single action, Ø 5mm, 330 mm

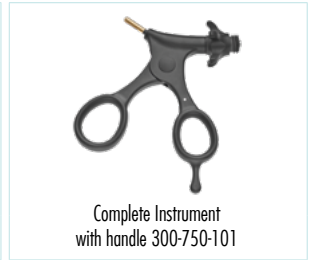


insert only

300-400-570



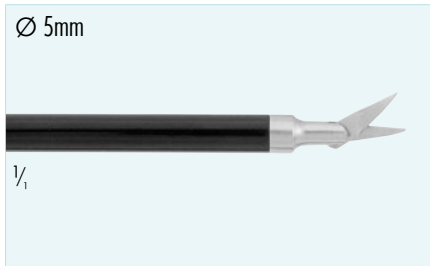
300-410-570



300-420-570

MICRO

Scissors with straight sharp blades, single action, Ø 5mm, 330 mm



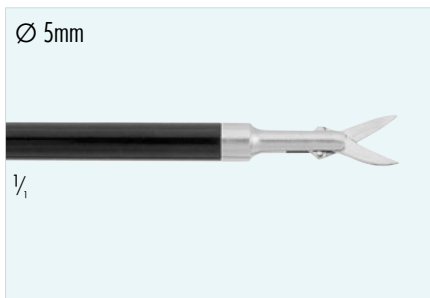
300-400-571

300-410-571

300-420-571

MICRO

Scissors with curved sharp blades, single action, Ø 5mm, 330 mm



300-400-572

300-410-572

300-420-572

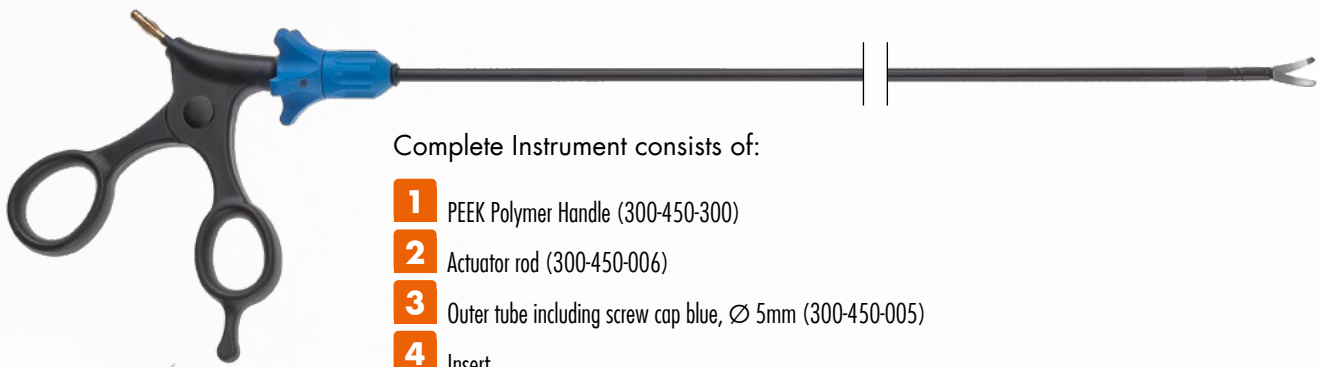
MICRO

Scissors with curved sharp blades, double action, Ø 5mm, 330 mm



4-PIECE ENDO TIP SYSTEM

- Reusable handle and shaft, disposable tip
- Always having a sharp tip
- Ecological and economical - reduces waste and saves budget



Complete Instrument consists of:

- 1** PEEK Polymer Handle (300-450-300)
- 2** Actuator rod (300-450-006)
- 3** Outer tube including screw cap blue, \varnothing 5mm (300-450-005)
- 4** Insert

1 PEEK POLYMER HANDLES



300-450-300 PEEK Polymer Handle, blue rotating wheel, without ratchet



2

3



The EndoTip system allows to reuse the handle and the sheath of the Instrument, but gives the opportunity to easily change the tip. That provides an always sharp scissors without creating the waste of a complete single use instrument.

4



METZENBAUM non-sterile, limited reusable
 300-450-177 medium, 15mm curved
 300-450-171 short, 10mm, curved
 300-450-173 long, 18 mm, curved
 300-450-174 long, 18 mm, straight
 300-450-176 medium, 15mm, straight



JOHANS Grasper, fenestrated
 300-450-289 non-sterile (limited reusable)



MARYLAND Grasper, curved
 300-450-731 non-sterile (limited reusable)



METZENBAUM sterile, single use
 300-450-177S medium, 15mm curved



ENDOCLINCH Grasper, fenestrated
 300-450-049 non-sterile (limited reusable)

CHOLANGIOGRAPHY SYSTEM



300-100-760 Cholangiography fixation clamp with channel for 6 Fr. catheters,
Ø 5mm, 330 mm working length, with ratchet and LuerLock, double action jaws

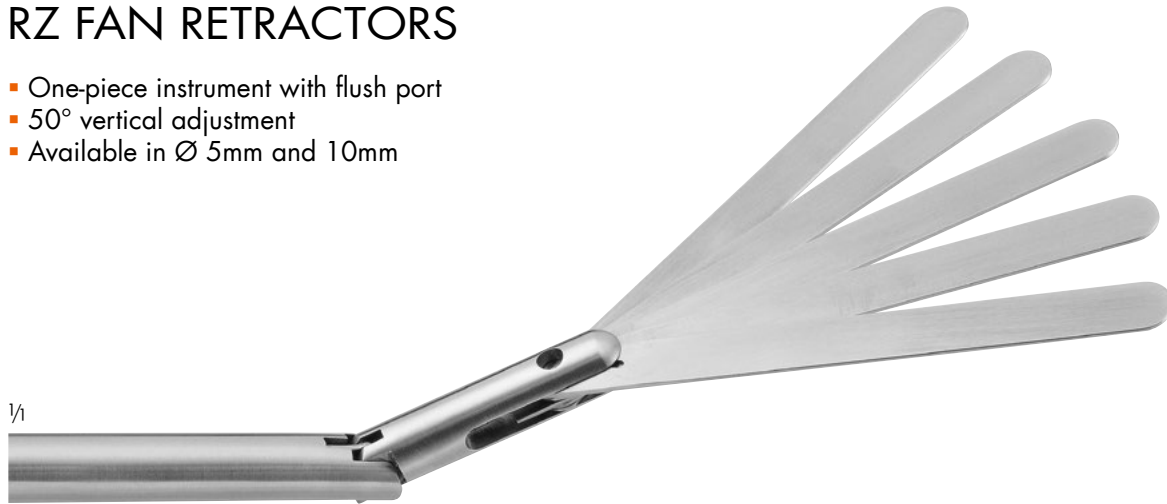


300-193-330 Guide tube for Cholangiography catheter,
Ø 5mm, 330 mm working length



RZ FAN RETRACTORS

- One-piece instrument with flush port
- 50° vertical adjustment
- Available in Ø 5mm and 10mm



1/1



RZ Fan Retractor, 330mm working length

300-065-000* 10 mm, with 5 prongs

300-063-000* 5mm, with 3 prongs



Esophagus Retractor with cleaning port, vertical up 90°, with distal hole

300-099-033 5mm, 330 mm working length

300-099-100 5mm, 440 mm working length

300-099-133 10 mm, 330 mm working length

300-099-140 10 mm, 440 mm working length



300-065-100 Advanced Fan Retractor, 10 mm, 5 prongs,
angulation: max. 80°, spread: max. 60°, length: 330 mm

ARTICULATING LAPAROSCOPIC RETRACTORS & BAND-PASSER

- 5mm shaft
- For use with 5.0 or 5.5mm trocars
- With LuerLock



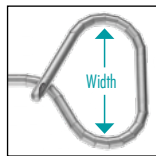
Carbon handle with overload protection



Atraumatic segments, jamming is prevented



The nitinol wire straightens the working end to allow easy introduction and extraction



TRIANGULAR

Straight	Width	Working length	
	60mm	330mm	300-069-000*
	60mm	450mm	300-069-450
	80mm	330mm	300-070-000*
	80mm	450mm	300-070-450

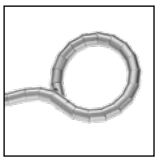
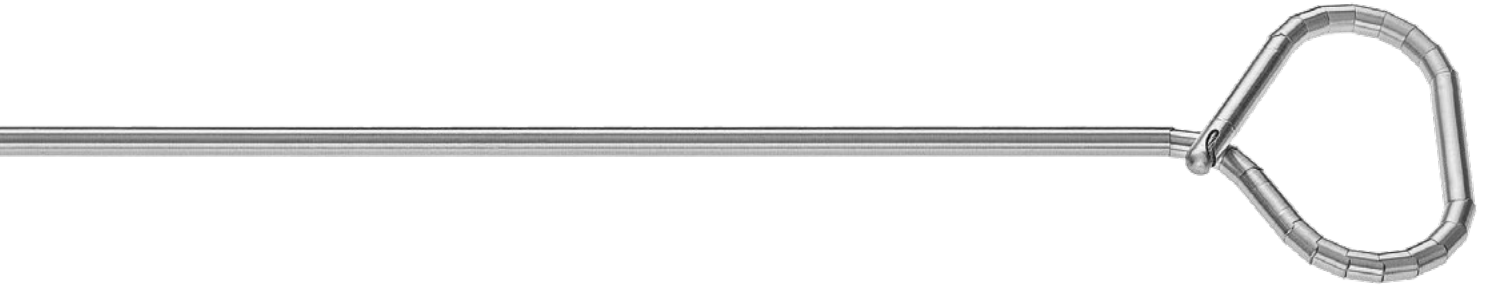
30° angled	Width	Working length	
	60mm	330mm	300-072-000*
	60mm	450mm	300-072-450
	80mm	330mm	300-073-000*
	80mm	450mm	300-073-450*



HOOK

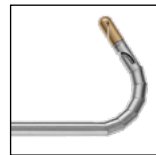
90° upwards	Shape	Working length	
	Curved right	340mm	300-075-001
	Curved left	340mm	300-075-002

45° angled	Shape	Working length	
	Curved right	340mm	300-075-101
	Curved left	340mm	300-075-102



CIRCLE

	Width	Working length	
Straight	40mm	340mm	300-076-001
Angled	40mm	340mm	300-076-101



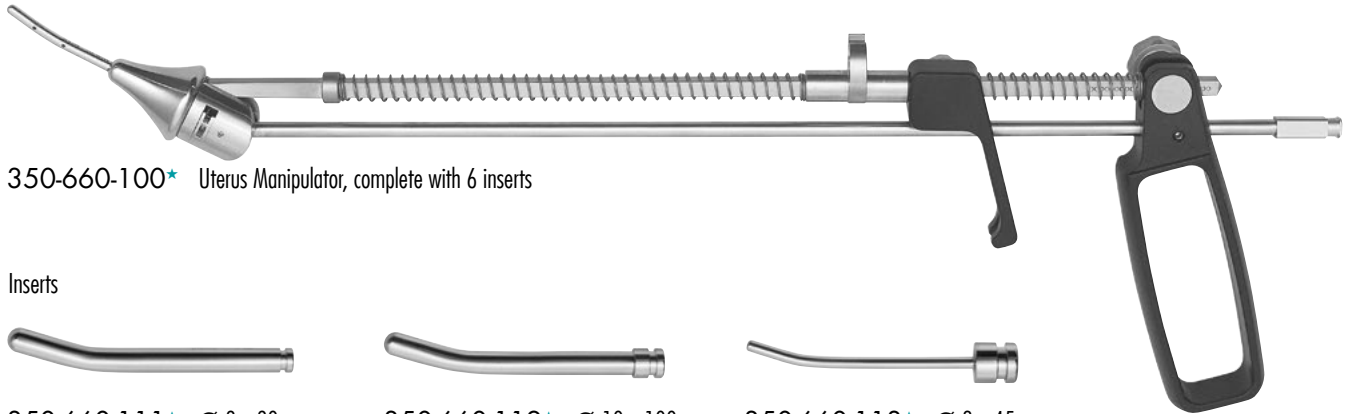
BAND-PASSER

Working length	
330mm	300-071-000*
450mm	300-071-450*



J-RETRACTOR

Working length	
340mm	300-077-000



350-660-100* Uterus Manipulator, complete with 6 inserts

Inserts



350-660-111* Ø 8 x 80 mm



350-660-112* Ø 10 x 100 mm



350-660-113* Ø 3 x 45mm



350-660-114* Ø 3 x 55mm



350-660-115* Ø 3.2 x 35mm



350-660-116* Ø 3.2 x 45mm



COHEN

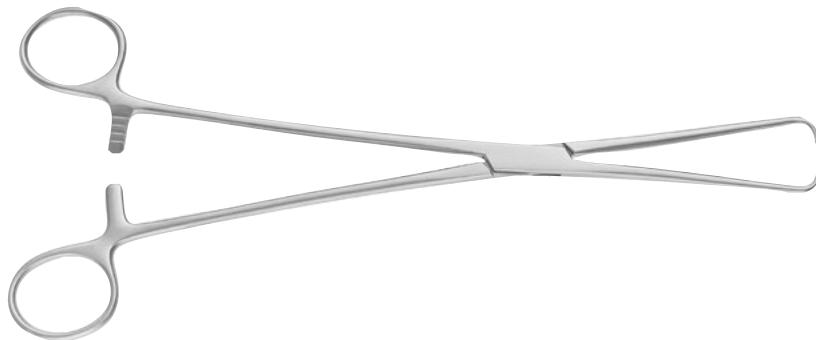
Self retaining Cannula complete with 2 interchangeable acorns

350-750-000*

Acorn only

350-750-002 large

350-750-001 small



350-400-250* **SCHROEDER** tenaculum forceps



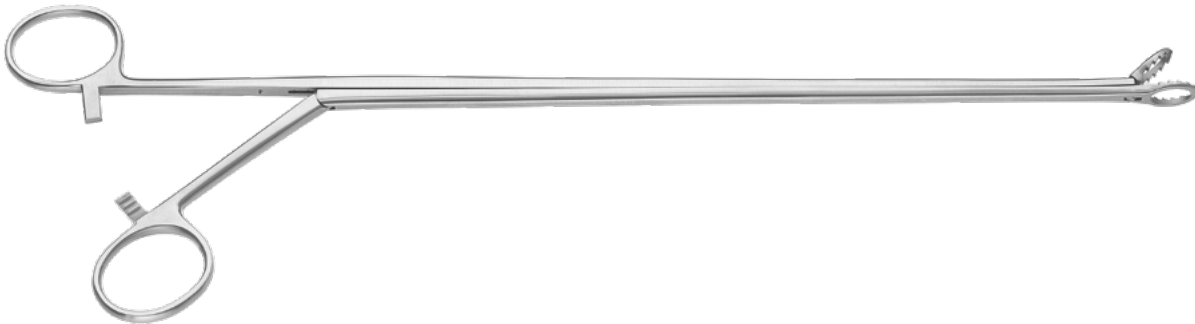
Myoma screw

300-032-015* Ø 5mm, 330mm working length

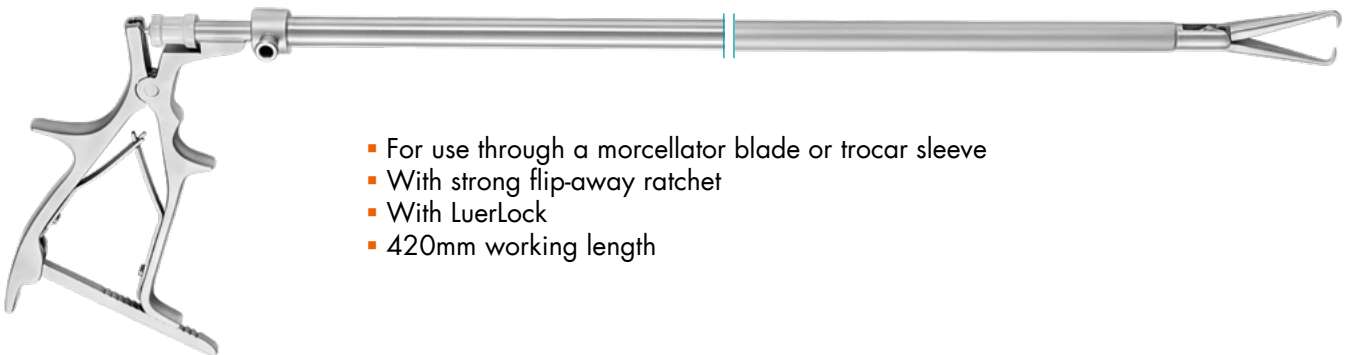
300-042-005 Ø 5mm, 420mm working length

300-033-010 Ø 10mm, 330mm working length

300-042-010 Ø 10mm, 420mm working length



RZ Myoma Grasping Forceps, 330 mm working length
 350-755-007 7 mm jaws
 350-755-011* 11 mm jaws
 350-755-017 17 mm jaws



- For use through a morcellator blade or trocar sleeve
- With strong flip-away ratchet
- With LuerLock
- 420mm working length



300-110-714
 Tenaculum Forceps, Ø10mm

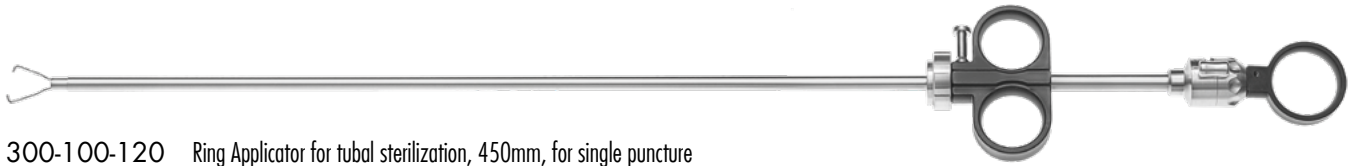


300-110-711
 Claw Forceps, Ø10mm

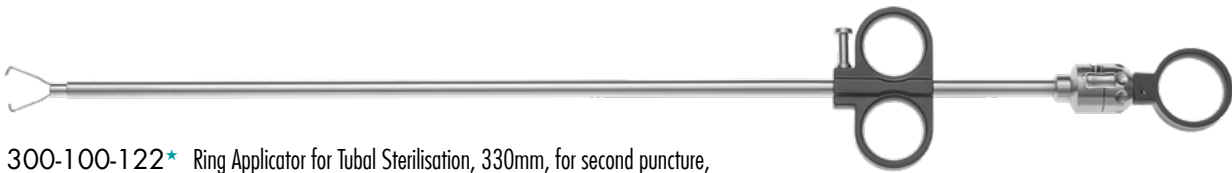


300-110-715
 Tenaculum Forceps, Ø5mm

RZ RING APPLICATORS



300-100-120 Ring Applicator for tubal sterilization, 450mm, for single puncture for use with Operating Laparoscopes with \varnothing 6mm instrument channels (300-099-006 and 300-099-106).
A knurled screw is fixing the Ring Applicator securely to the telescope



300-100-122* Ring Applicator for Tubal Sterilisation, 330mm, for second puncture, for use with Trocar sleeves \varnothing 7.0mm

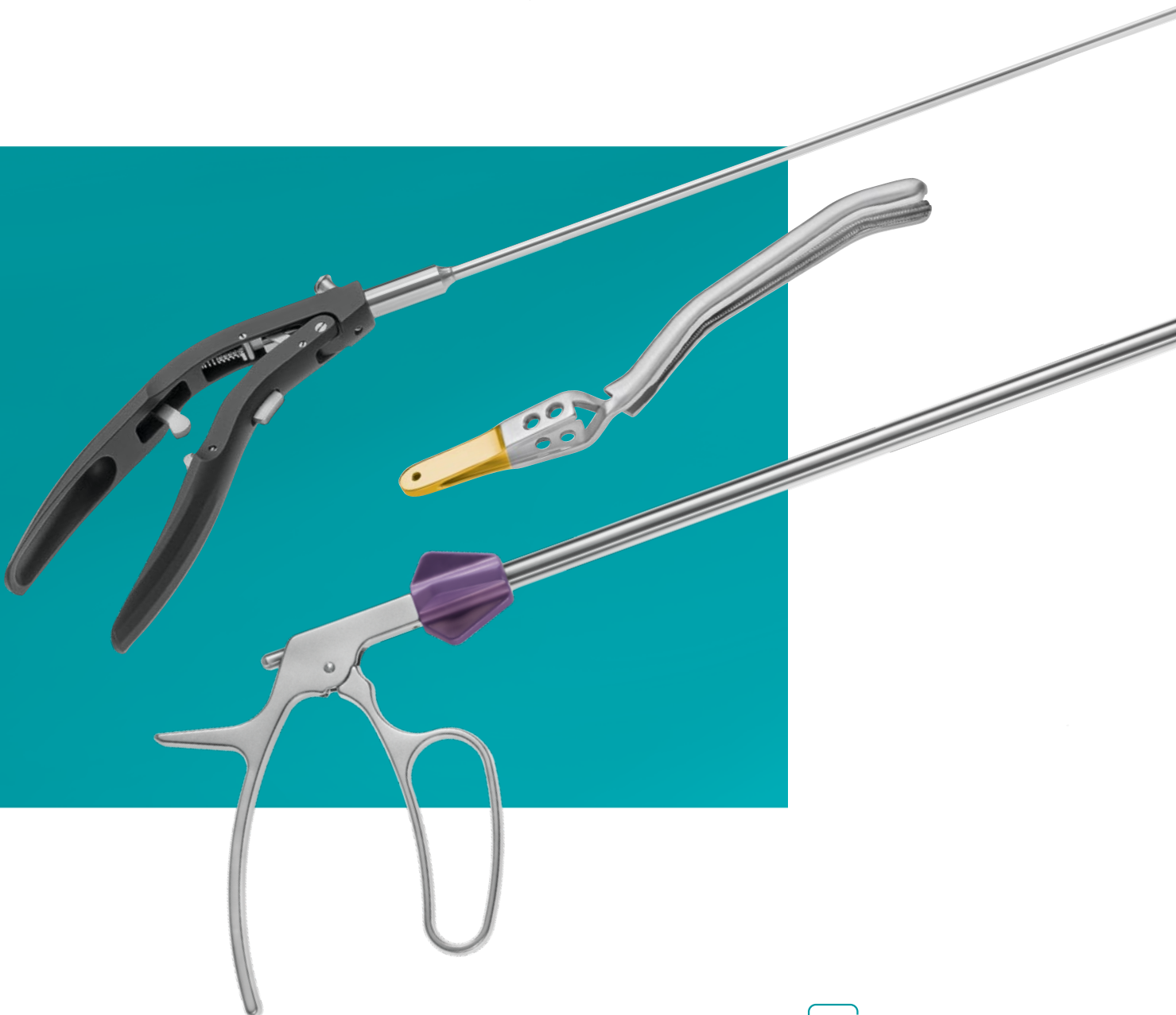


300-100-125 Cone for Ring Applicator



300-100-127 Loading Device for Ring Applicator

CLIP APPLYING BULLDOG CLAMPS NEEDLE HOLDERS



ENDOSCOPIC CLIP APPLYING FORCEPS - TITAN CLIPS

- 360° rotatable
- Color-coded
- Detachable and non-detachable models

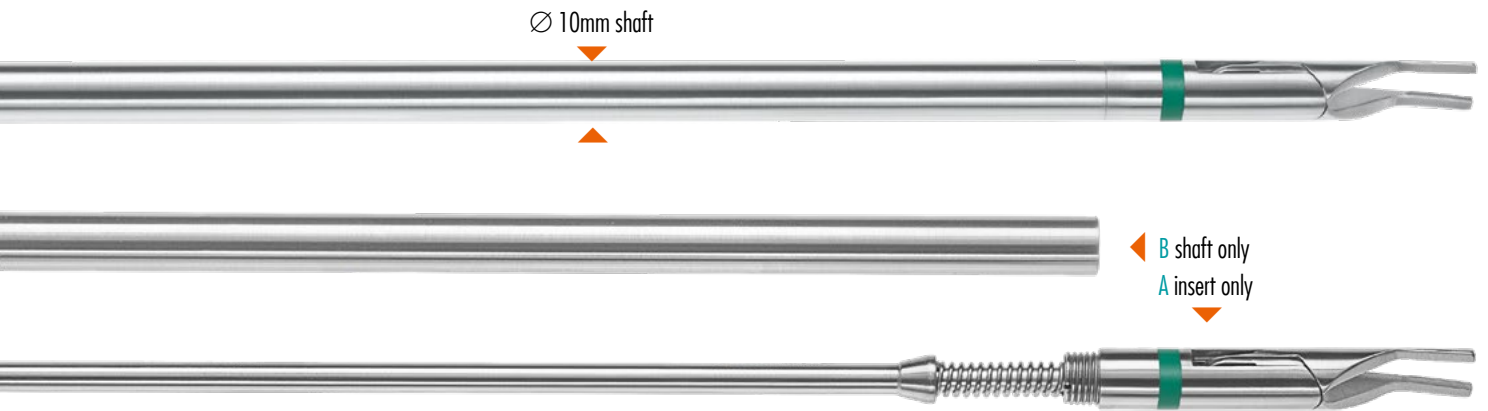


TYPE ETHICON, TITANIUM

Size / color code	detachable, 330mm	A insert only, 330mm	B shaft only
S (blue) ■	300-810-001	300-810-101	300-830-010
M (white) □	300-810-002	300-810-102	300-830-010
M/L (green) ■	300-810-004*	300-810-104	300-830-010
L (yellow) ■	300-810-006*	300-810-106	300-830-010

Size / color code	detachable, 450mm	A insert only, 450mm	B shaft only
S (blue) ■	300-810-401	300-810-501	300-830-410
M (white) □	300-810-402	300-810-502	300-830-410
M/L (green) ■	300-810-404	300-810-504	300-830-410
L (yellow) ■	300-810-406	300-810-506	300-830-410





Size / color code	non detachable, 330mm	non detachable, 450mm
S (blue) ■	300-800-001	300-800-401
M (white) □	300-800-002	300-800-402
M/L (green) ■	300-800-004*	300-800-404
L (yellow) ■	300-800-006*	300-800-406



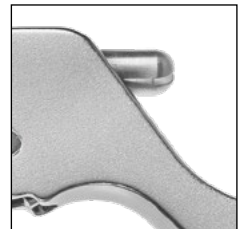
TYPE HORIZON, TITANIUM





Titan Clips,
Ethicon and
Horizon type



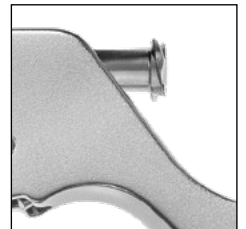
Size / color code	detachable, 330mm	A insert only, 330mm	B shaft only
S (yellow) 	300-810-011	300-810-111	300-830-010
M (blue) 	300-810-012	300-810-112	300-830-010
M/L (green) 	300-810-014	300-810-114	300-830-010
L (orange) 	300-810-016	300-810-116	300-830-010





Detachable Forceps
without LuerLock



Size / color code	detachable, 450mm	A insert only, 450mm	B shaft only
S (yellow) 	300-810-411	300-810-511	300-830-410
M (blue) 	300-810-412	300-810-512	300-830-410
M/L (green) 	300-810-414	300-810-514	300-830-410
L (orange) 	300-810-416	300-810-516	300-830-410

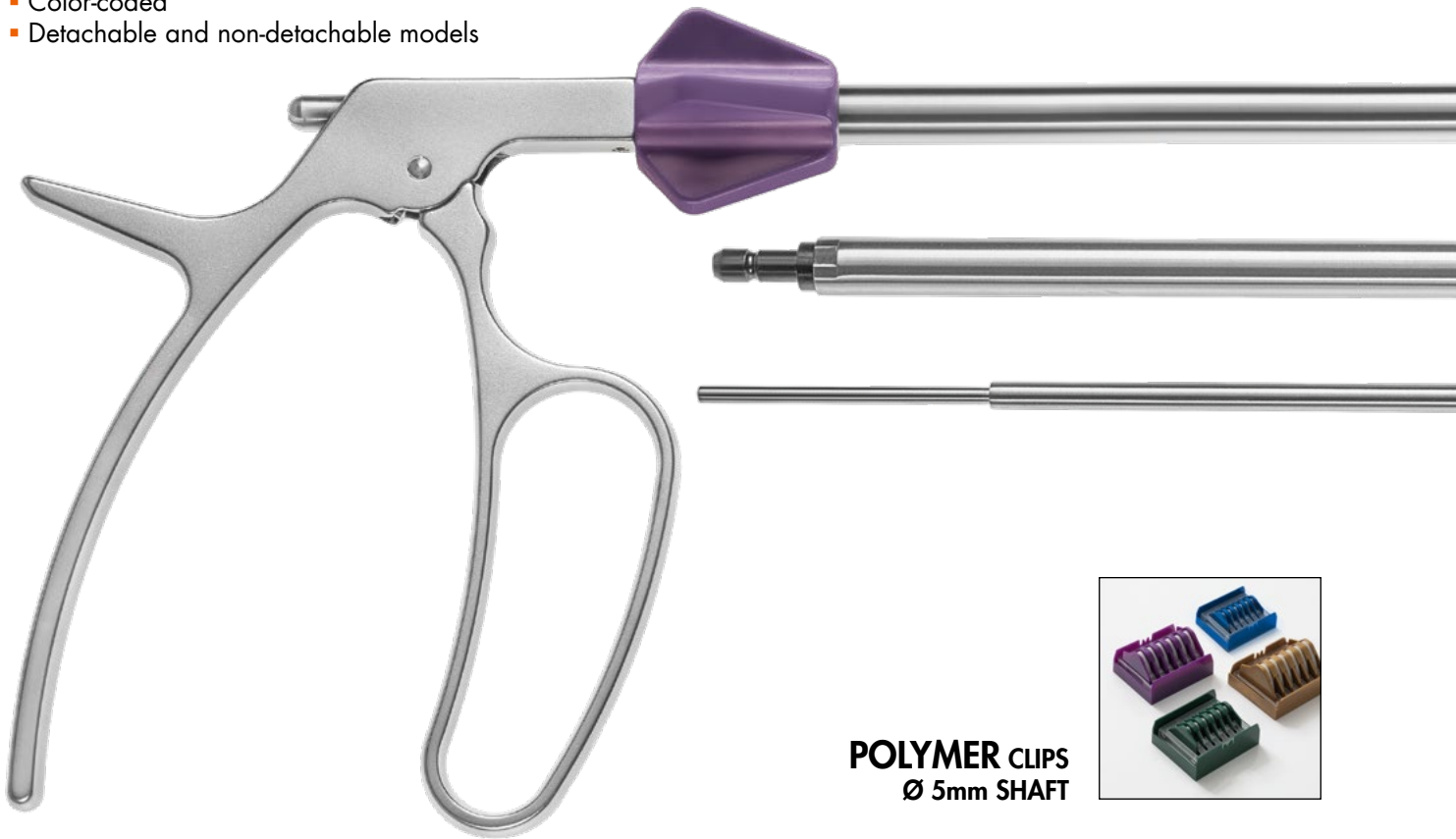
Non-detachable Forceps
with LuerLock



Size / color code	non detachable, 330mm	non detachable, 450mm
S (yellow) 	300-800-011	300-800-411
M (blue) 	300-800-012	300-800-412
M/L (green) 	300-800-014	300-800-414
L (orange) 	300-800-016	300-800-416

ENDOSCOPIC CLIP APPLYING FORCEPS - POLYMER CLIPS

- 360° rotatable
- Color-coded
- Detachable and non-detachable models



POLYMER CLIPS Ø 5mm SHAFT

Size / color code	detachable, 330mm	A insert only, 330mm	B shaft only
M (blue) ■	300-830-051	300-830-151	300-830-005
M/L (green) ■	300-830-052	300-830-152	300-830-005

Ø 10mm SHAFT

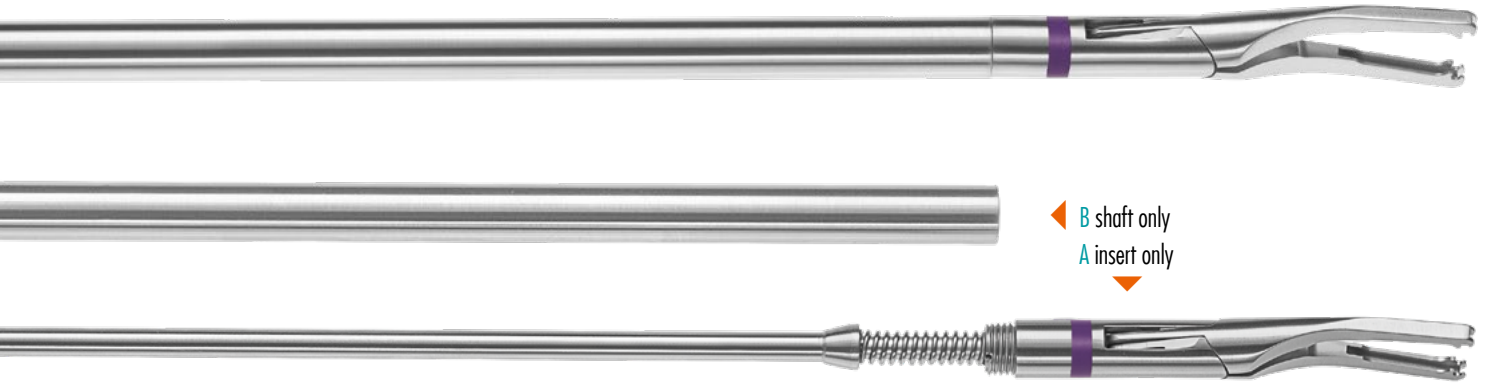
Size / color code	detachable, 330mm	A insert only, 330mm	B shaft only
L (purple) ■	300-830-013	300-830-113	300-830-010
XL (yellow) ■	300-830-014	300-830-114	300-830-010

Ø 5mm SHAFT

Size / color code	detachable, 450mm	A insert only, 450mm	B shaft only
M (blue) ■	300-830-451	300-830-551	300-830-405
M/L (green) ■	300-830-452	300-830-552	300-830-405

Ø 10mm SHAFT

Size / color code	detachable, 450mm	A insert only, 450mm	B shaft only
L (purple) ■	300-830-413	300-830-513	300-830-410
XL (yellow) ■	300-830-414	300-830-514	300-830-410



Ø 5mm SHAFT

Size / color code	non-detachable, 330mm	non-detachable, 450mm
M (blue) ■	300-820-051	300-820-451
M/L (green) ■	300-820-052*	300-820-452*

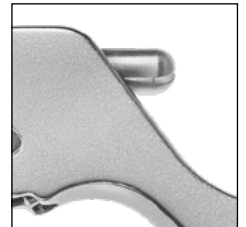
Ø 10mm SHAFT

Size / color code	non-detachable, 330mm	non-detachable, 450mm
L (purple) ■	300-820-013*	300-820-413*
XL (yellow) ■	300-820-014*	300-820-414*

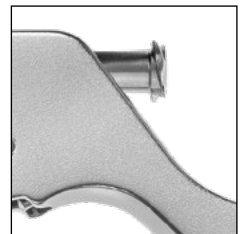
Polymer Clips
Applying Forceps



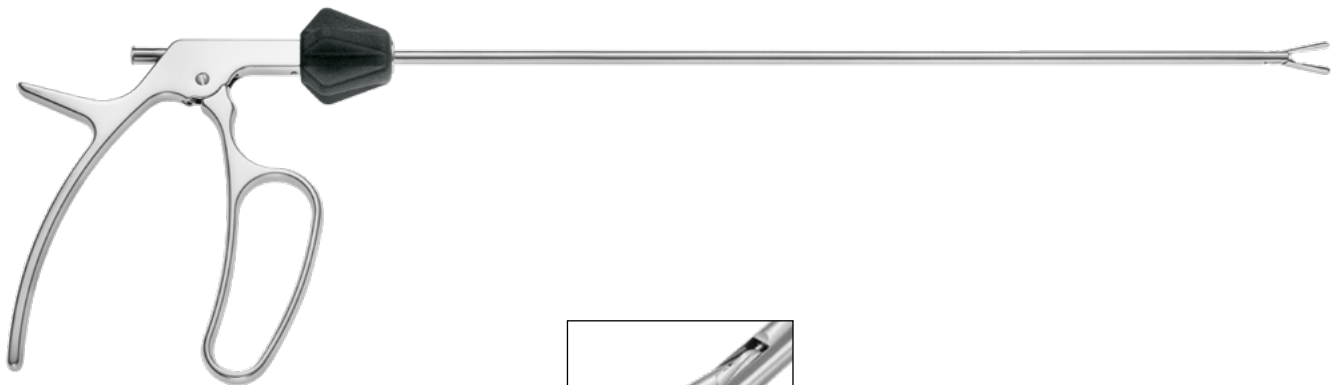
Detachable Forceps
without LuerLock



Non-detachable Forceps
with LuerLock



POLYMER CLIP REMOVING FORCEPS



Ø 5mm SHAFT

Size / color code	detachable, 330mm	insert only, 330mm	shaft only
M & M/L (black) ■	300-830-056	300-830-156	300-830-005

Ø 10mm SHAFT

Size / color code	detachable, 330mm	insert only, 330mm	shaft only
L & XL (black) ■	300-830-015	300-830-115	300-830-010

Ø 5mm SHAFT

Size / color code	detachable, 450mm	insert only, 450mm	shaft only
M & M/L (black) ■	300-830-456	300-830-556	300-830-405

Ø 10mm SHAFT

Size / color code	detachable, 450mm	insert only, 450mm	shaft only
L & XL (black) ■	300-830-415	300-830-515	300-830-410

Ø 5mm SHAFT

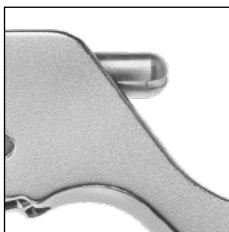
Size / color code	non detachable, 330mm	non detachable, 450mm
M & M/L (black) ■	300-820-056*	300-820-456

Ø 10mm SHAFT

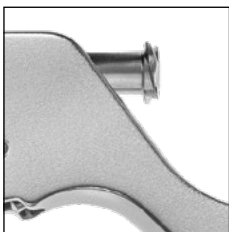
Size / color code	non detachable, 450mm	non detachable, 450mm
L & XL (black) ■	300-820-015*	300-820-415



Polymer Clips Removal Forceps

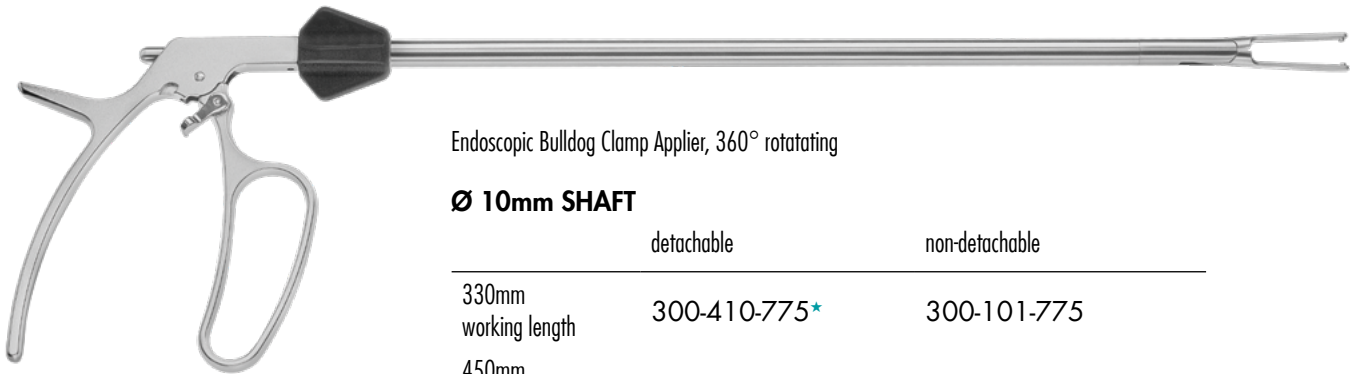


Detachable Forceps without LuerLock



Non-detachable Forceps with LuerLock

ENDOSCOPIC BULLDOG CLAMP APPLIER



Endoscopic Bulldog Clamp Applier, 360° rotating

Ø 10mm SHAFT

	detachable	non-detachable
330mm working length	300-410-775*	300-101-775
450mm working length	300-411-775	300-111-775



Shaft only, for detachable Bulldog Clamp Applier

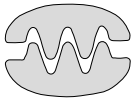
- 300-830-010 330 mm working length
- 300-830-410 450 mm working length



Insert only, for detachable Bulldog Clamp Applier

- 300-400-775 330 mm working length
- 300-401-775 450 mm working length





2 x 3 rows of teeth



Endoscopic Vascular Bulldog Clamp, straight, with DeBakey serration

300-100-773* 17 mm jaws

300-100-774* 25mm jaws



Endoscopic Bulldog Clamp for bowel surgery, straight, with DeBakey serration

300-100-771* 45mm jaws

300-100-772* 60 mm jaws



Endoscopic Vascular Bulldog Clamp, curved, with DeBakey serration

300-100-776 17 mm jaws

300-100-777* 25mm jaws



Endoscopic Bulldog Clamp for bowel surgery, curved,
with DeBakey serration

300-100-778* 45mm jaws

300-100-779 60 mm jaws



Endoscopic Satinsky Bulldog Clamp, with DeBakey serration
golden spring, to be used with 12.5mm trocar system

300-100-786 60 mm jaws



300-100-789 60 mm jaws

Endoscopic Satinsky Bulldog Clamp, curved, with atraumatic
DeBakey serration, to be used with 12.5mm trocar system

Endoscopic Bulldog Clamps with DeBakey serration

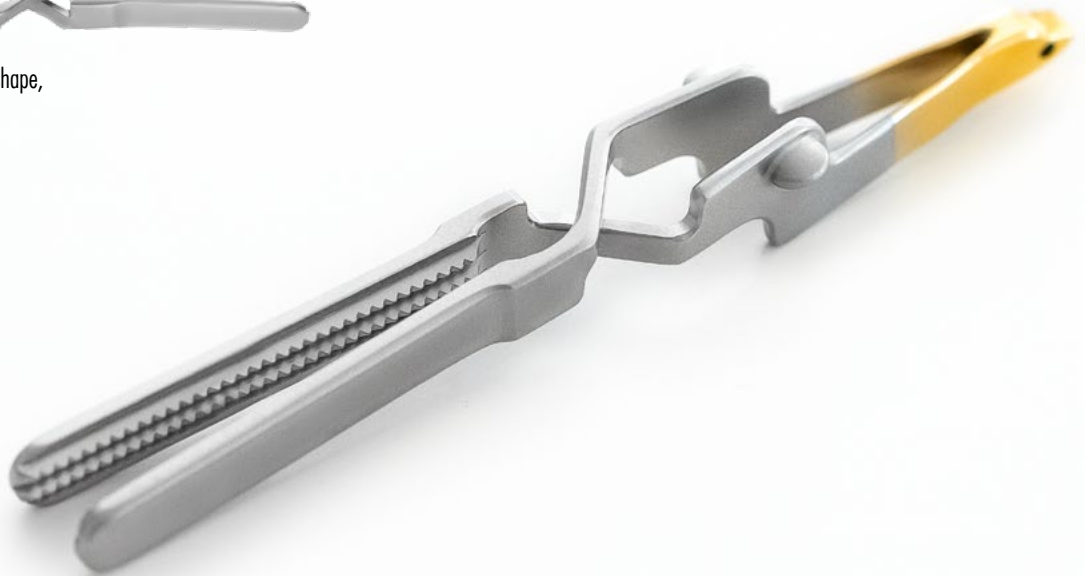
- Secure holding of tissue structure
- Occlusion of vessel and other tissue without an additional port
- Atraumatic cross clamping of the colon
- 450-475g closing pressure (300-100-771 - 779)

ROBOTIC BULLDOG CLAMP

- Specifically designed for use with robotic surgical system
- Single surgeon placement via Pro-Grasp® instrument
- Full control for optimal clamp placement
- Atraumatic DeBakey clamp design
- Introduced through 12.5mm cannula
- Suture hole for easy retrieval



Robotic Bulldog Clamp, bayonet shape,
with suture hole, blunt teeth
500g closing pressure
300-100-799* 30mm
300-100-798* 25mm



300-101-777
Robotic Bulldog Clamp Remover
Ø 10mm, rotatable, with LuerLock

TITANIUM ARTERIAL & VENOUS BULLDOG CLAMPS

- Different pressure color coding (A-Artery / V-Vein)
- Lightweight
- Non-magnetic
- Highest biocompatibility and corrosion resistance
- Mechanical strength
- DeBaKey serration



CLOSING PRESSURE

300 - 375g



Titanium Bulldog Clamp, straight, Code V (Vein),
blue

300-100-773TV 17mm jaw
300-100-774TV 25mm jaw
300-100-771TV 45mm jaw
300-100-772TV 60mm jaw



CLOSING PRESSURE

475 - 500g



Titanium Bulldog Clamp, straight, Code A (Artery), red

300-100-773TA 17mm jaw
300-100-774TA 25mm jaw
300-100-771TA 45mm jaw
300-100-772TA 60mm jaw

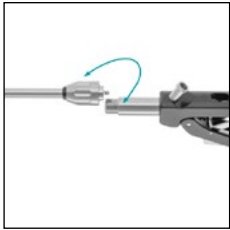


Applier recommendation:
300-101-775
300-410-775 (detachable)

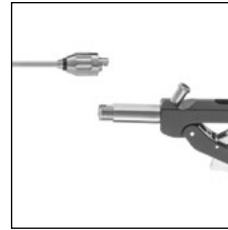


DETACHABLE NEEDLE HOLDERS

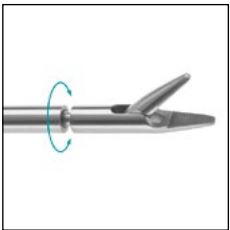
- Detachable 2- and 3-part system
- Easy cleaning
- Handle can be used with different inserts



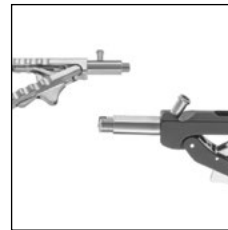
Detachable shaft from handle:
convertible system, better
cleaning possibilities



2-piece system:
An extra thin \varnothing 3mm System
with 250mm and 330mm length
for Pediatric and Mini-Laparoscopy



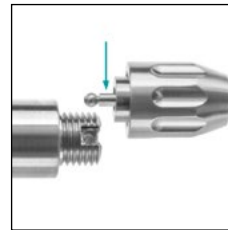
Secure screwing on the insert:
Perfect fit of the insert and
single cleaning
(only 3-piece system)



Modular handles:
Axial and straight handles
available to fulfill the surgeon's
needs and provide ergonomical
comfort

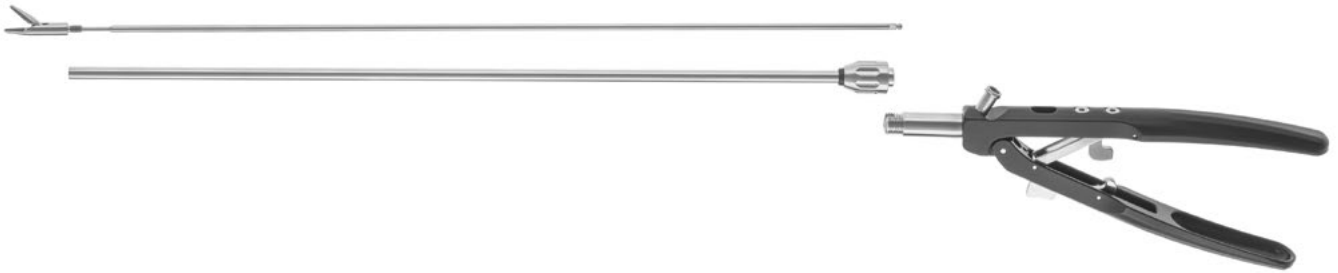





3-piece system:
Needle holder can be fitted
with different shafts and
inserts, different lengths
available



Anti-rotation feature:
due to an extra rectangular
connector, wrong insertion of
the insert is excluded

3-PIECE INSTRUMENT \varnothing 5mm



Insert only	Complete instrument  with axial handle	Complete instrument  with straight handle	Complete instrument  with angled handle
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Straight jaw, TC

330mm	300-405-130	300-480-630	300-480-130	300-480-160
450mm	300-406-130	300-480-730	300-480-230	300-480-260



Left curved jaw, TC

330mm	300-405-140	300-480-640	300-480-140	300-480-170
450mm	300-406-140	300-480-740	300-480-240	300-480-270



Right curved jaw, TC

330mm	300-405-141	300-480-641	300-480-141	300-480-171
450mm	300-406-141	300-480-741	300-480-241	300-480-271



Diamond dusted jaw,
self-aligning

330mm	300-405-142	300-480-642	300-480-142	300-480-172
450mm	300-406-142	300-480-742	300-480-242	300-480-272



1x2 teeth jaw, TC

330mm	300-405-131	300-480-631	300-480-131	300-480-161
450mm	300-406-131	300-480-731	300-480-231	300-480-261

SINGLE PARTS FOR DETACHABLE NEEDLE HOLDER



Axial Handle, strong, straight
300-480-002



Axial Handle, straight
300-480-000



Axial Handle, angled
300-480-001



Outer Sheath, for combination with
shaft and insert, three-pieces

330mm 300-480-033
450mm 300-480-045

2-PIECE INSTRUMENT Ø 3mm



330mm
250mm

Straight jaw

300-405-330
300-404-330

300-480-330
300-480-530

300-480-360
300-480-560



330mm
250mm

Left curved jaw

300-405-340
300-404-340

300-480-340
300-480-540

300-480-370
300-480-570



330mm
250mm

Right curved jaw

300-405-341
300-404-341

300-480-341
300-480-541

300-480-371
300-480-571

1-PIECE NEEDLE HOLDER

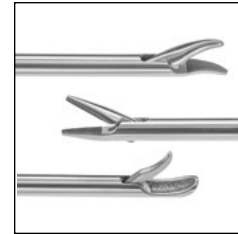
- Extremely light
- Aluminium anodized handle



Lightweight design with satin black surface



65° LuerLock flushing port for optimal accessibility



5 different jaw designs available



Rubber sealing cap included



6-tooth ratchet for always optimal positioning, with overload protection



Straight



Left curved



Right curved



1x2 teeth



Concave/convex



Ø 5mm STRAIGHT HANDLE

300-300-130*	straight	TC serrated	330mm
300-300-131	straight, 1x2 teeth	TC serrated	330mm
300-300-140*	left curved	TC serrated	330mm
300-300-141 *	right curved	TC serrated	330mm
300-300-142*	concave/convex	diamond dusted	330mm
300-300-230	straight	TC serrated	450mm
300-300-231	straight, 1x2 teeth	TC serrated	450mm
300-300-240	left curved	TC serrated	450mm
300-300-241	right curved	TC serrated	450mm
300-300-242	concave/convex	diamond dusted	450mm

Ø 5mm ANGLED HANDLE

300-300-160*	straight	TC serrated	330mm
300-300-161	straight, 1x2 teeth	TC serrated	330mm
300-300-170*	left curved	TC serrated	330mm
300-300-171 *	right curved	TC serrated	330mm
300-300-172*	concave/convex	diamond dusted	330mm
300-300-260	straight	TC serrated	450mm
300-300-261	straight, 1x2 teeth	TC serrated	450mm
300-300-270	left curved	TC serrated	450mm
300-300-271	right curved	TC serrated	450mm
300-300-272	concave/convex	diamond dusted	450mm

Ø 3mm STRAIGHT HANDLE

300-300-330	straight	TC serrated	330mm
300-300-340	left curved	TC serrated	330mm
300-300-341	right curved	TC serrated	330mm
300-300-430	straight	TC serrated	450mm
300-300-440	left curved	TC serrated	450mm
300-300-441	right curved	TC serrated	450mm

Ø 3mm ANGLED HANDLE

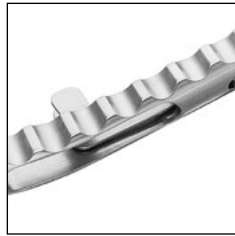
300-300-360	straight	TC serrated	330mm
300-300-370	left curved	TC serrated	330mm
300-300-371	right curved	TC serrated	330mm
300-300-460	straight	TC serrated	450mm
300-300-470	left curved	TC serrated	450mm
300-300-471	right curved	TC serrated	450mm

STAINLESS STEEL NEEDLE HOLDERS

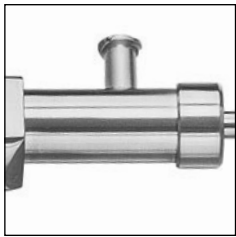
- Automatic mechanism
- Smoothly releasing interlock



Smooth release lock, very robust handle design



Ergonomic and reliable handle design



Straight LuerLock flushing port (sealing cap included)



Straight



Left curved



Right curved



Diamond dusted, self aligning



Ø 5mm STRAIGHT HANDLE

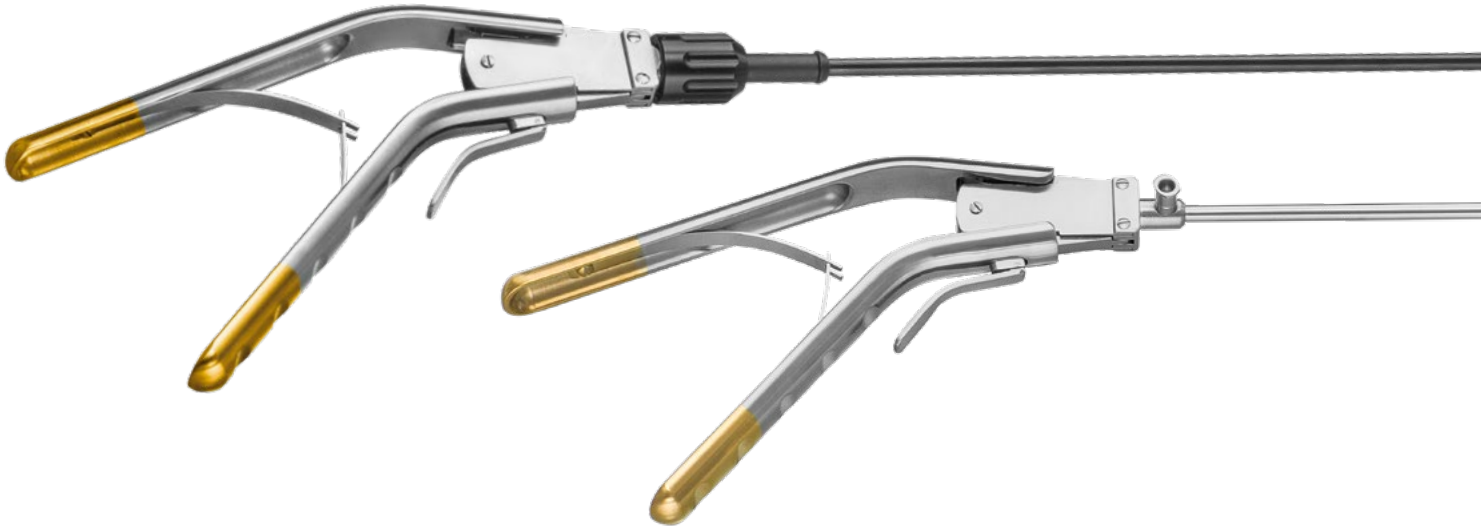
300-100-694*	right curved	330mm	serration TC
300-100-695*	straight	330mm	serration TC
300-100-696*	left curved	330mm	serration TC
300-100-697	straight	450mm	serration TC
300-100-698	left curved	450mm	serration TC
300-100-699	right curved	450mm	serration TC
300-100-702	straight	330mm	diamond dusted
300-100-703	straight	450mm	diamond dusted

Ø 3mm STRAIGHT HANDLE

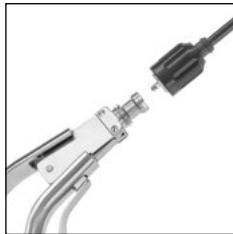
300-100-687	left curved	250mm	serration TC
300-100-688	right curved	250mm	serration TC
300-100-689	straight	250mm	serration TC
300-100-691	left curved	330mm	serration TC
300-100-692	right curved	330mm	serration TC
300-100-693	straight	330mm	serration TC

WERNER NEEDLE HOLDERS

- Detachable and single-piece option
- 3-piece model for efficient cleaning



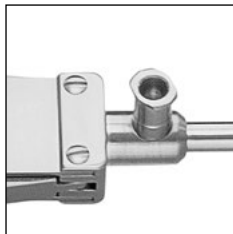
Ergonomic axial handle design
for effortless working



Detachable 3-piece system



Smooth and ergonomic ratchet



Straight LuerLock flushing port
(sealing cap included)



Ø 5mm DETACHABLE

300-300-001	straight	TC serrated	330mm
300-300-101	left curved	TC serrated	330mm
300-300-201	right curved	TC serrated	330mm
300-300-501	convex/concave	toothed	330mm
300-302-001	straight	TC serrated	450mm
300-302-101	left curved	TC serrated	450mm
300-302-201	right curved	TC serrated	450mm
300-302-501	convex/concave	toothed	450mm

Ø 5mm SINGLE-PIECE

300-300-000	straight	TC serrated	330mm
300-300-100	left curved	TC serrated	330mm
300-300-200	right curved	TC serrated	330mm
300-300-500	convex/concave	toothed	330mm
300-302-000	straight	TC serrated	450mm
300-302-100	left curved	TC serrated	450mm
300-302-200	right curved	TC serrated	450mm

Ø 3mm DETACHABLE

300-303-001	straight	TC serrated	330mm
300-303-101	left curved	TC serrated	330mm
300-303-201	right curved	TC serrated	330mm
300-303-501	convex/concave	toothed	330mm

Ø 3mm SINGLE-PIECE

300-303-000	straight	TC serrated	330mm
300-303-100	left curved	TC serrated	330mm
300-303-200	right curved	TC serrated	330mm
300-303-500	convex/concave	toothed	330mm

TC ENDOSCOPIC NEEDLE HOLDER

- Axial ring handle
- For intra- & extracorporal suturing
- Jaw with TC inserts: firm & reliable grip of suturing needles, long lifetime of the needle holder
- Ø 5mm



330mm

450mm



Curved left

300-101-588*

300-101-589



Curved right

300-101-592

300-101-599



Straight jaw

300-101-594*

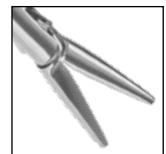


Bullnose, straight jaw

300-101-596*

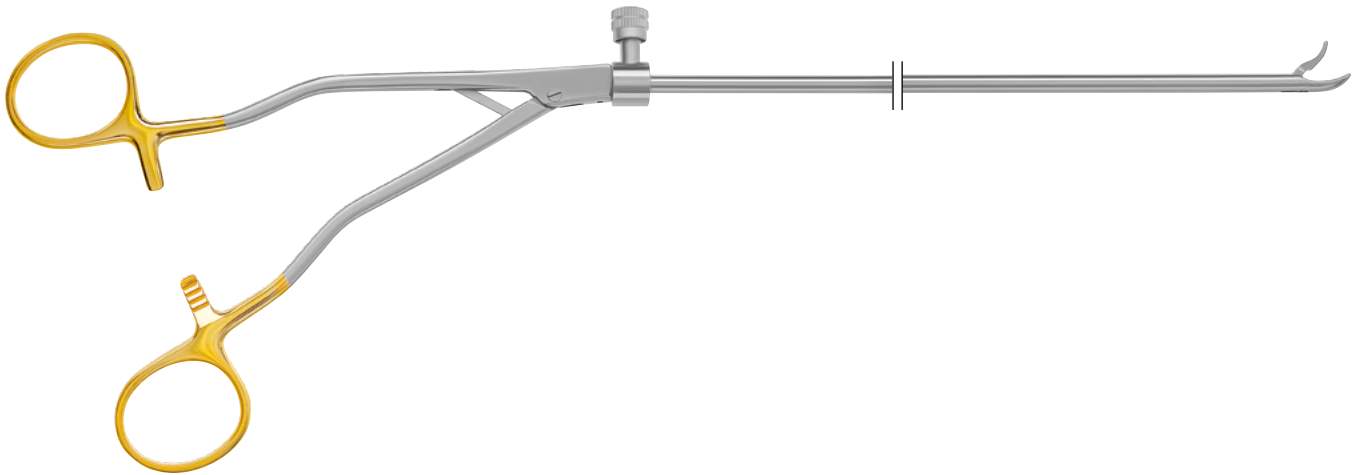


300-332-320 **LIONS** Needle forceps Ø 5mm, 330 mm without ratchet, with LuerLock, double-action



ROMEIO DIAMOND DUSTED NEEDLE HOLDER

- Auto-aligning of needles
- Concave shaped jaw: aligns curved endoscopic needles by itself in 90° position to the jaw's horizontal line
- Diamond dusted jaw: keeps needle securely in place
- Ø 5mm



360mm






Parrot design jaw

300-101-593

MATHIEU TC ENDOSCOPIC NEEDLE HOLDER

- For intra- & extracorporal suturing
- Jaw with TC inserts: firm & reliable grip of suturing needles
- Ergonomic designed handle: easy posture by alignment of the surgeon's hand with the suturing needle
- Curved, fine tapered jaw
- Ø 5mm



		330mm	450mm
	Curved left	300-330-033	300-330-045
	Curved right	300-332-033	
	Straight jaw	300-334-033	

TOBIAS & TOBIAS II FASCIA SUTURING INSTRUMENTS

- Self-closing spring mechanism
- For closing trocar incisions under vision



Shaft diameter	2.0mm
Working length	150mm
Tip Geometry	sharp conical tip, detachable
Cleaning	LuerLock flush port

300-151-000* Tobias Fascia Suturing Instrument with slim 2.0mm shaft and detachable conical tip

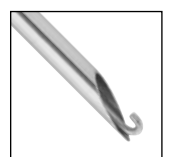


300-152-000 Tip only, set with 5 pieces



Shaft diameter	2.8mm
Working length	150mm
Tip Geometry	sharp conical tip, detachable
Cleaning	LuerLock flush port

300-153-000* Tobias II Fascia Suturing Instrument with strong 2.8mm shaft and fixed pyramidal tip

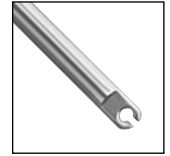


300-151-100 Rainer Fascia Suturing Device, Ø 2.3mm, 140mm working length

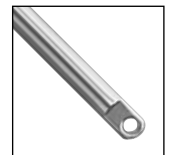
KNOT TIERS



Classic knot tier with slit and eye for extra corporal knotting, \varnothing 4 mm
 300-030-001* 330 mm working length
 300-030-003 450 mm working length



Knot tier with eye for extra corporal knotting, \varnothing 4 mm
 300-030-004 330 mm working length
 300-030-006 450 mm working length



300-030-000* Knot tier with longitudinal conical form for secure holding of extracorporal knots to suture site, \varnothing 4 mm, 330 mm working length

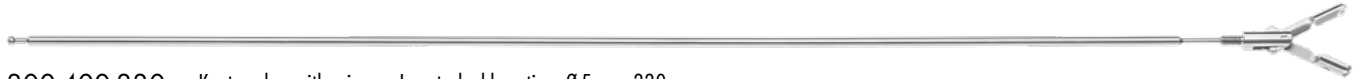


300-012-405* Reducer Sleeve, \varnothing 5 - 4mm, 175mm, red

KNOT PUSHER WITH SCISSORS



Consists of:



300-400-330 Knot pusher with scissors, Insert, double action, Ø 5mm, 330mm



300-660-005 Outer Sheath, insulated, Ø 5mm, 330mm, adaptable to all handles

Handles

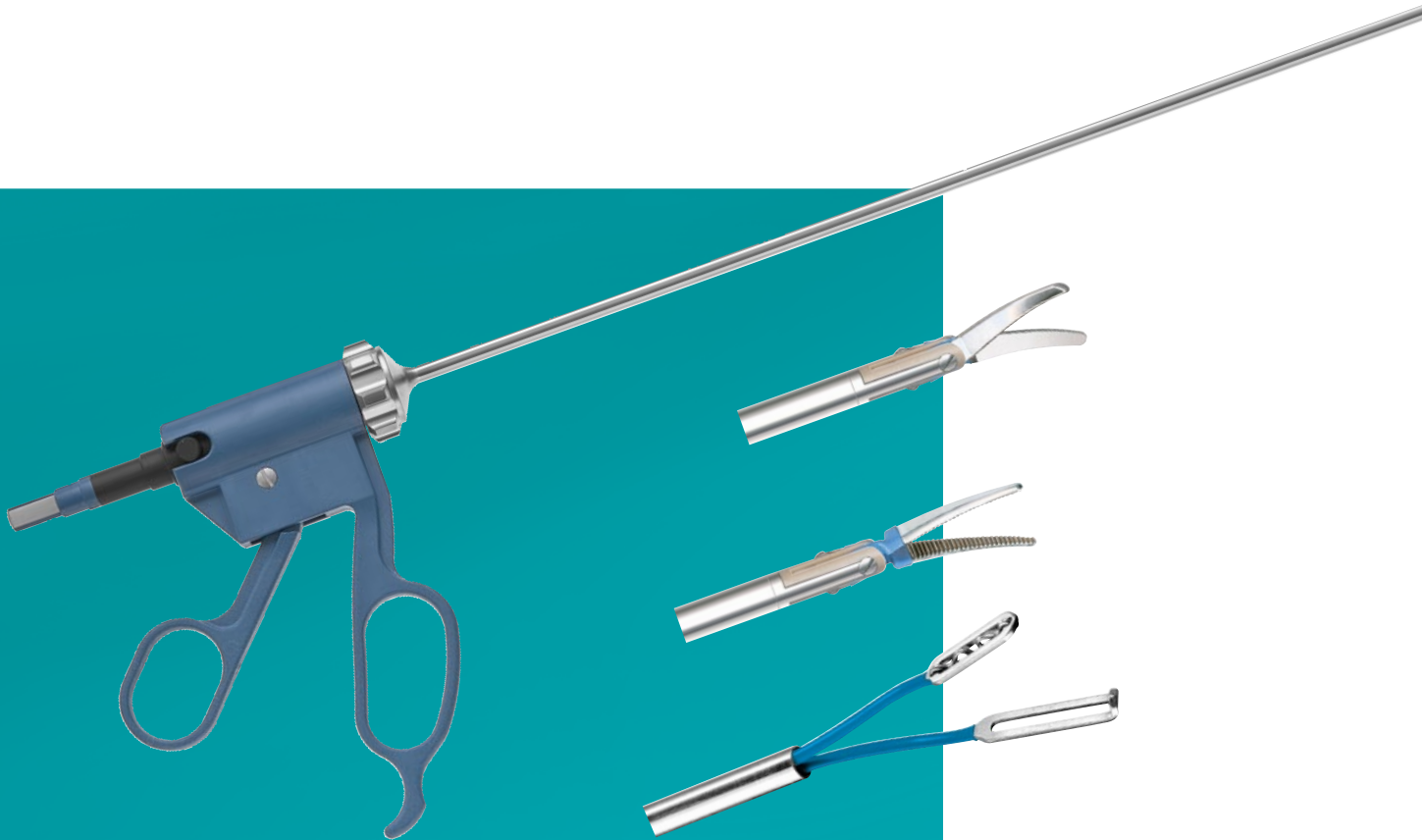


300-750-101 Carbon Fiber Handle, HF-connection



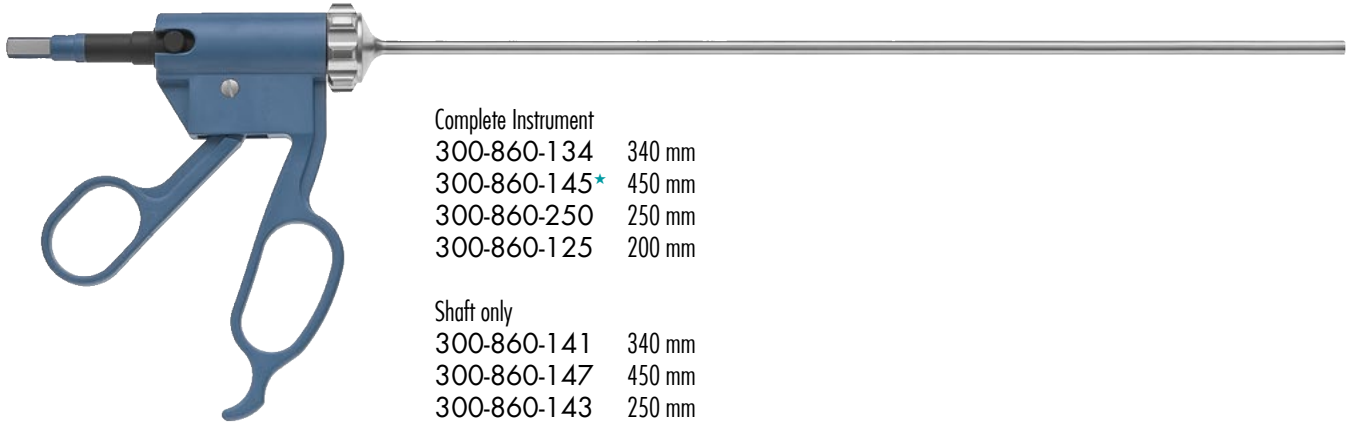
300-750-105 Carbon Fiber Handle, hook up ratchet, HF-connection

BIPOLAR INSTRUMENTS



DETACHABLE BIPOLAR FORCEPS

- 360° rotatable
- Consists of forceps body & shaft - without electrode



Complete Instrument

300-860-134	340 mm
300-860-145*	450 mm
300-860-250	250 mm
300-860-125	200 mm

Shaft only

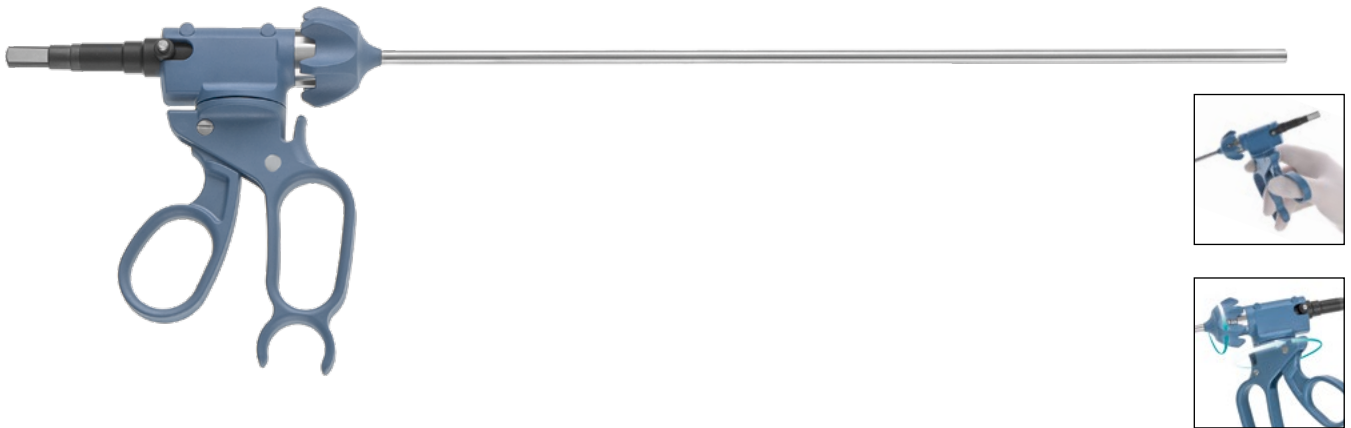
300-860-141	340 mm
300-860-147	450 mm
300-860-143	250 mm
300-860-142	200 mm

Handle only

300-860-140

DETACHABLE 720° ROTATABLE BIPOLAR FORCEPS

- 720° rotatable, independently of the shaft
- Consists of forceps body & shaft - without electrode



Complete Instrument

300-860-534	340 mm
300-860-545	450 mm

Shaft only










300-560-535	340 mm
300-560-546	450 mm

Handle only, with adjustment (rotating stop)

300-860-500

POWERGRIP BIPOLAR ELECTRODE INSERTS

- Insulated up to the end of the working zone
- Ø 5mm

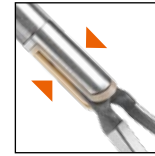
	Grasping Forceps, fenestrated jaws, curved	300-860-009	340 mm
	Grasping Forceps, fenestrated jaws, serrated	300-860-013* 300-860-023 300-860-063	340 mm 450 mm 200 mm*
	Grasping Forceps, slightly curved	300-860-011 300-860-021 300-860-061	340 mm 450 mm 250 mm*
	Powergrip Bipolar Forceps, 2x3 teeth	300-860-012	340 mm
	Delta Grasping Forceps, double action	300-860-014 300-860-024	340 mm 450mm
	Grasping Forceps, curved	300-860-015 300-860-025 300-860-065	340 mm 450 mm 200 mm*
	Duckbill Forceps	300-860-016 300-860-026	340 mm 450 mm
	TC-Metzenbaum Scissors	300-860-018* 300-860-028 300-860-068	340 mm 450 mm 200 mm*
	Maryland Insert	300-860-019* 300-860-029 300-860-069	340 mm 450 mm 200 mm*

* 20 / 25 cm pattern not available for 720° rotatable Bipolar Forceps

POWERGRIP PREMIUM BIPOLAR ELECTRODE INSERTS



- Joint mechanism stays in place
- Insulated up to the end of the working zone
- Ø 5mm



Premium model -
joint mechanism
stays in place



Standard model -
joint mechanism
exposes

	Grasping Forceps, fenestrated, curved	300-860-009	340 mm
	Grasping Forceps, fenestrated, straight	300-860-032	340 mm
	Grasping Forceps, fenestrated, curved	300-860-033	340 mm
	TC Metzenbaum Scissors	300-860-035	340 mm
	Maryland Forceps	300-860-037	340 mm
	Cut and seal forceps, curved	300-860-040	340 mm

3mm DETACHABLE BIPOLAR FORCEPS

- Small diameter, equal performance
- One-finger control of the 360° rotation wheel
- Overload protection and direct force transmission
- Flat plug for common bipolar cables



Shaft, \varnothing 3mm
 300-867-129 290mm
 300-867-120 200mm



Grasping Forceps, fenestrated

300-867-529 290mm
 300-867-520 200mm



Maryland Forceps, curved

300-867-929 290 mm
 300-867-620 200 mm

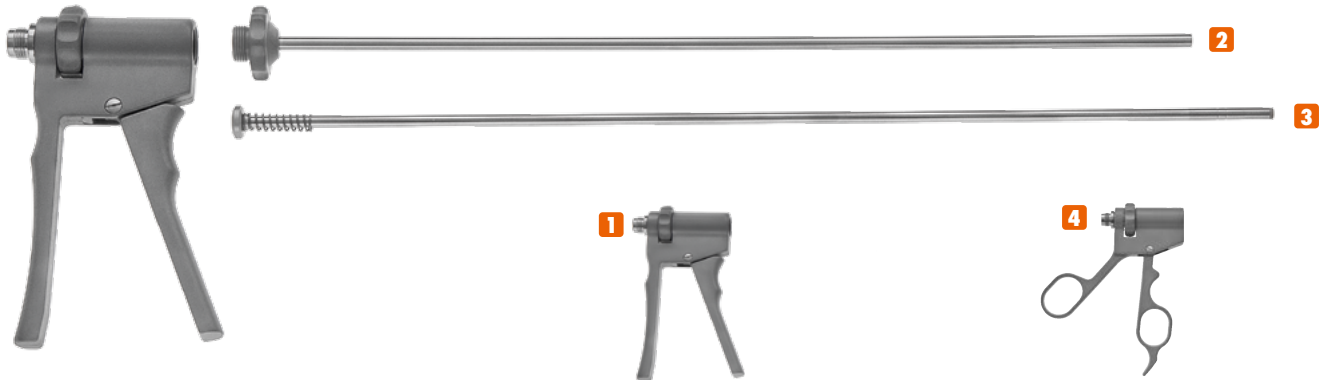


Micro Forceps

300-867-729 290 mm
 300-867-720 200 mm

BIPOLAR FORCEPS SYSTEM, Ø 5mm

- Detachable
- Consists of forceps body, inner & outer tube - without electrode



With standard handle **1**

300-855-034	340 mm
300-855-045	450 mm
300-855-020	200 mm

With ring handle **4**

300-855-134	340 mm
300-855-145	450 mm
300-855-120	200 mm



Forceps body standard
300-855-001



Forceps body ring handle
300-855-101

Outer Tube **2**

300-855-007	340 mm
300-855-052	450 mm
300-855-003	200 mm

Inner tube **3**

300-855-006	340 mm
300-855-051	450 mm
300-855-002	200 mm



Bipolar Cables, length: 3m
2 banana plug 300-855-100
Valleylab plug 300-855-105
Martin plug 300-855-102
Erbe plug 300-855-103



Adapter for bipolar cable
300-855-400 with flat plug
300-855-401 with 2-pin-plug

Electrodes / Inserts

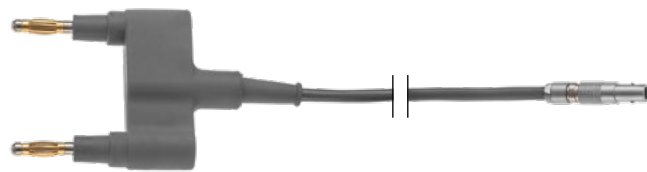
	Tubal ligation	300-855-010	340 mm
		300-855-022	450 mm
		300-855-060	200 mm
	Micro jaw, 1 mm	300-855-011	340 mm
		300-855-021	450 mm
		300-855-061	200 mm
	Grasping forceps, 3 mm	300-855-015	340 mm
		300-855-025	450 mm
		300-855-065	200 mm
	Scissors, curved	300-855-017	340 mm
		300-855-027	450 mm
		300-855-067	200 mm
	Kleppinger, serrated	300-855-013	340 mm
		300-855-023	450 mm
		300-855-063	200 mm
	Scissors with TC blades, curved	300-855-018	340 mm
		300-855-028	450 mm
	Dissector Maryland, curved	300-855-019	340 mm
		300-855-029	450 mm
		300-855-069	200 mm

MICRO BIPOLAR SYSTEM, Ø 3mm

- Suits for all operations in Laparoscopy
- Especially for fine coagulation of tissue and small vessels
- Easy detachable for cleaning purposes



300-857-100 Bipolar Micro Coagulation Forceps, Ø 3mm



300-857-205
Cable only for 300-857-100

Electrode Inserts



Micro Electrode, rippled bar

300-857-111



Micro Electrode, fluted tip, 1mm

300-857-112



Bipolar Micro Electrodes, 3 mm



Bipolar L-Hook

300-857-301



Bipolar V-Hook

300-857-302



Bipolar Needle

300-857-303

BIPOLAR CABLES



Flat plug



Flat plug, angled



Flat plug, square



2-pin plug



RZ HF Unit
SDS Plug,
programmable

3m	700-500-300
5m	700-500-500



2-Banana*

3m	700-350-030	300-860-100	700-350-130	700-351-030
5m	700-350-050	300-860-111	700-350-150	700-351-050



Erbe

3m	700-101-001	700-100-130	700-101-130	700-100-102
5m	700-100-101	700-100-150	700-101-150	700-100-103



Martin, Aesculap
Berchtold

3m	700-287-030	700-200-130	700-287-130	700-200-132
5m	700-287-050	700-200-150	700-287-150	700-200-152



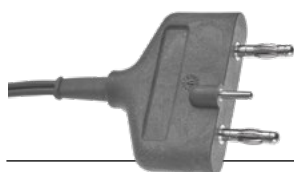
RZ, Valleylab,
Lamidey, EMC

3m	700-351-031*	700-300-003	700-351-131	700-300-203
5m	700-351-051	700-300-005	700-351-151	700-300-205



Erbe
EMC/Dolley

3m	700-400-050	700-400-003	700-400-103	700-400-203
5m	700-400-055		700-400-105	



Valleylab
autobipolar

3m	700-400-030	700-400-130
5m		

* Not available with CE marking within Europe



2-pin plug, angled

2-pin plug, angled

Round plug

R. Wolf plug

Karl Storz plug

Ethicon Scissors plug

Aesculap Plug

700-345-403	700-345-003	700-739-003	700-630-003	700-351-047	700-351-053	700-200-030
700-345-405	700-345-005	700-739-005		700-351-048	700-351-055	700-200-050

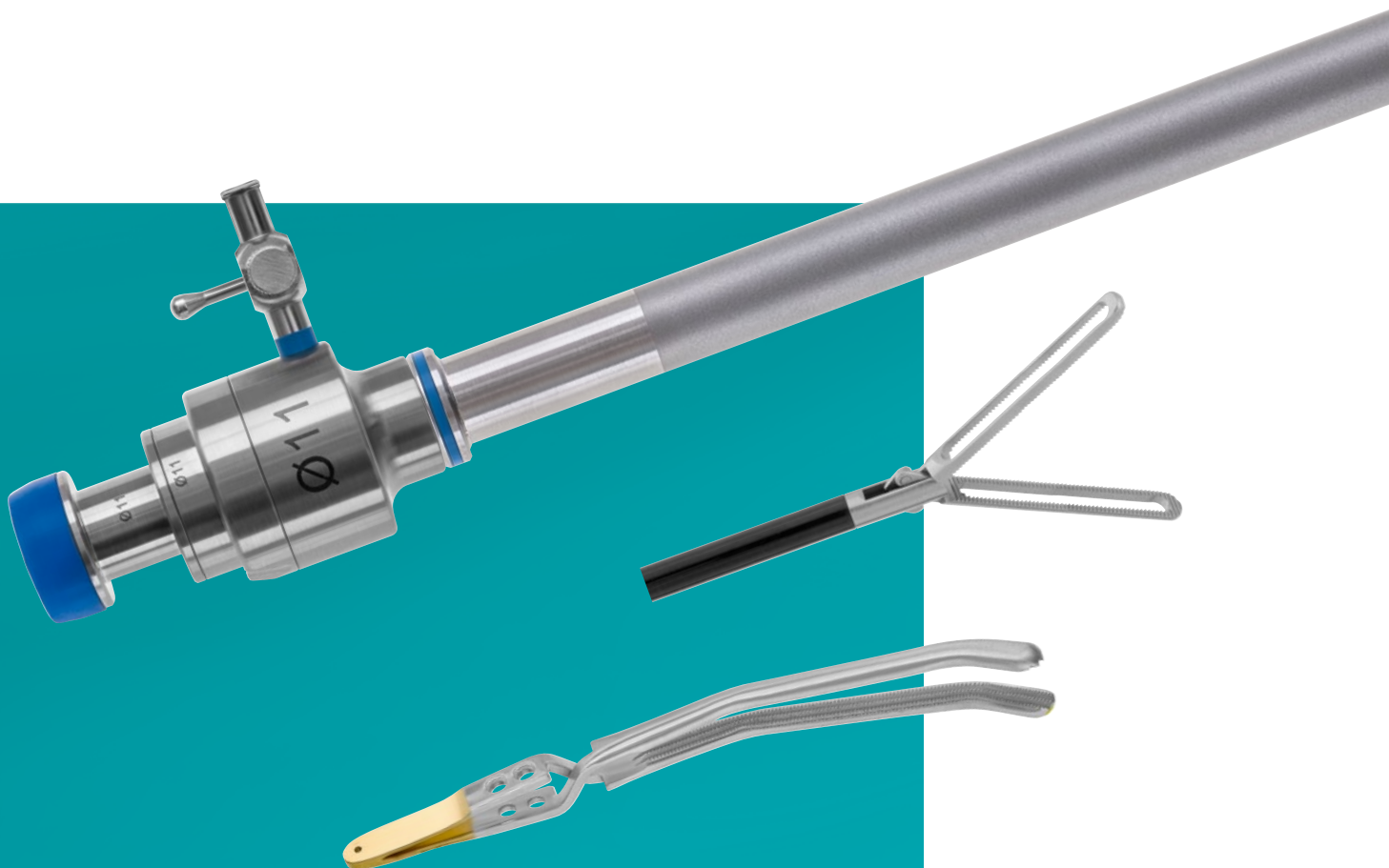
700-101-230		700-100-202	700-100-104	700-100-302	700-100-402	700-100-502
700-101-250		700-100-303	700-100-105	700-100-305	700-100-405	700-100-505

700-287-230		700-200-232	700-390-030	700-200-332	700-200-432	700-200-532
700-287-250		700-200-252	700-390-050	700-200-352	700-200-452	700-200-552

700-351-231	700-300-403	700-736-003	700-300-503	700-300-603	700-300-703	
700-351-251	700-300-405	700-736-005	700-300-505		700-300-705	700-300-805

700-400-303	700-400-403	700-400-503		700-400-603		
		700-400-205				

BARIATRIC INSTRUMENTS

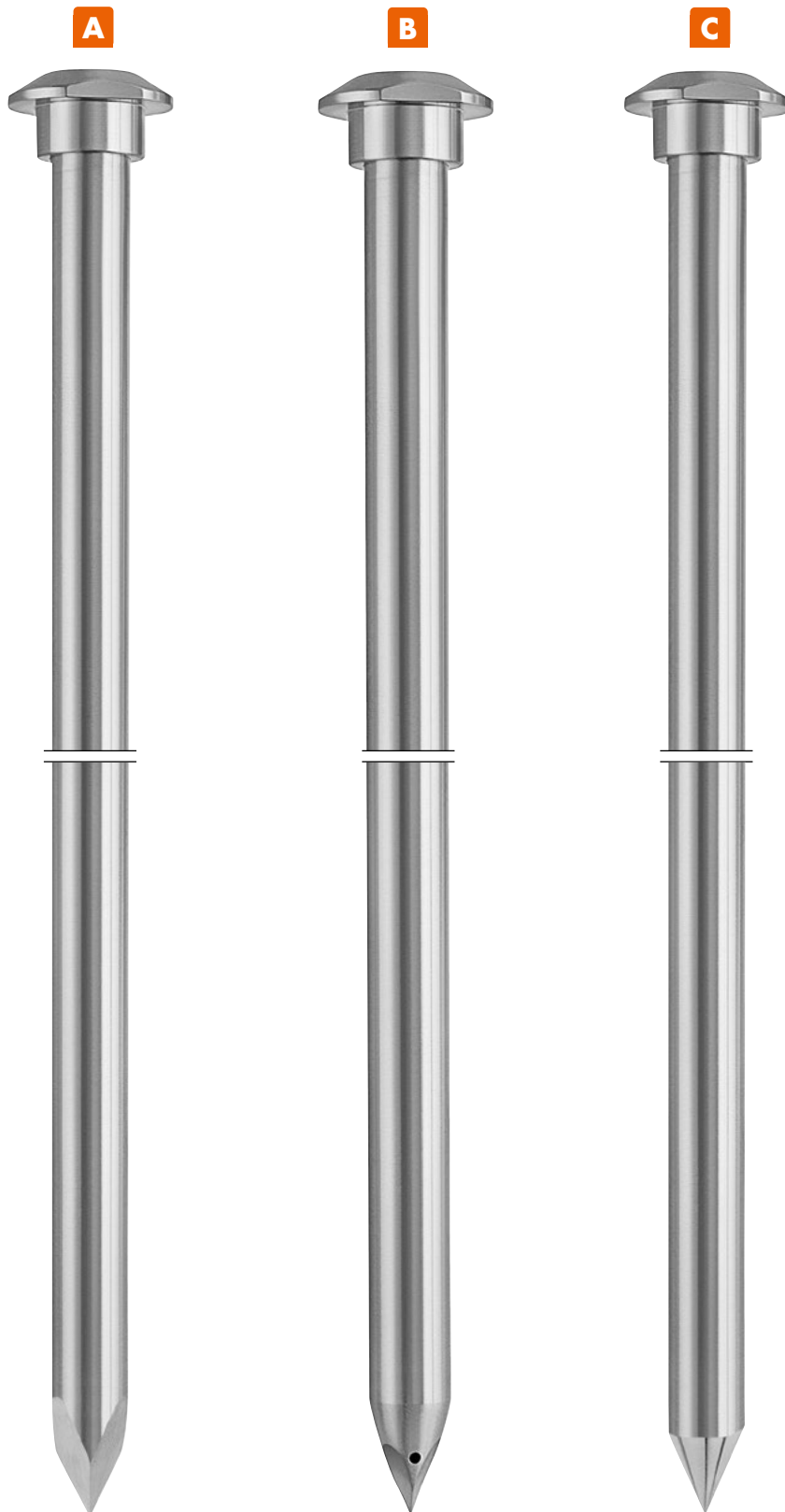




Stainless steel valve, XL smooth stainless steel sleeve,
150mm working length
300-220-155 Ø 5.5mm
300-220-111 Ø 11.0mm
300-220-113 Ø 13.0mm



Synthetic valve, XL smooth stainless steel sleeve
150mm working length
300-230-155 Ø 5.5mm
300-230-111 Ø 11.0mm
300-230-113 Ø 13.0mm



A

With pyramidal tip, reusable, cutting
150mm working length
300-241-155 Ø 5.5mm
300-241-111 Ø 11.0mm
300-241-113 Ø 13.0mm

B

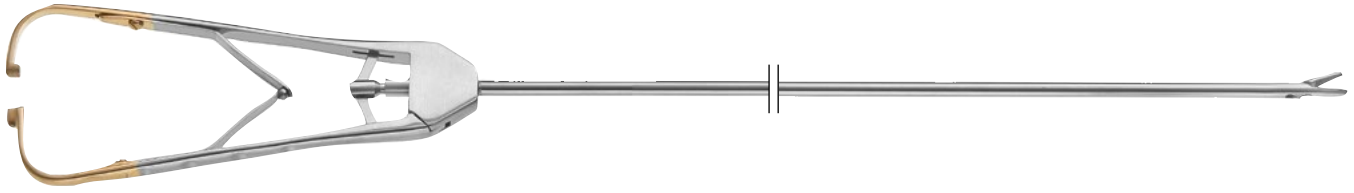
Cannulated with hole, pyramidal tip
150mm working length
300-244-155 Ø 5.5mm
300-244-111 Ø 11.0mm
300-244-113 Ø 13.0mm

C

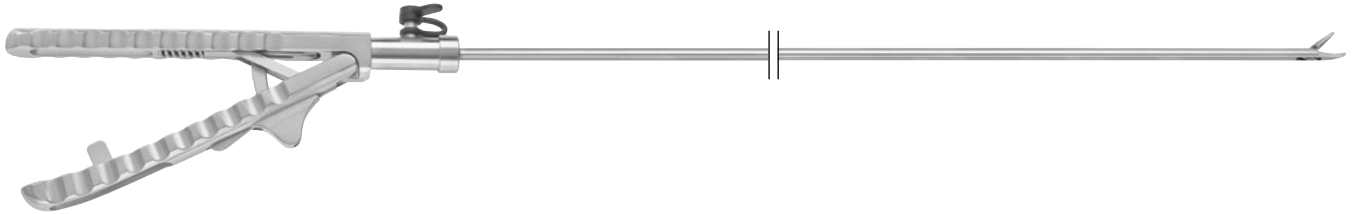
With conical tip, reusable, cutting
150mm working length
300-240-155 Ø 5.5mm
300-240-111 Ø 11.0mm
300-240-113 Ø 13.0mm



Suction and irrigation tube with 4 x 4 holes for handles 300-019-501 and 300-019-601
300-019-805 Ø 5mm, 450mm
300-019-810 Ø 10 mm, 450mm

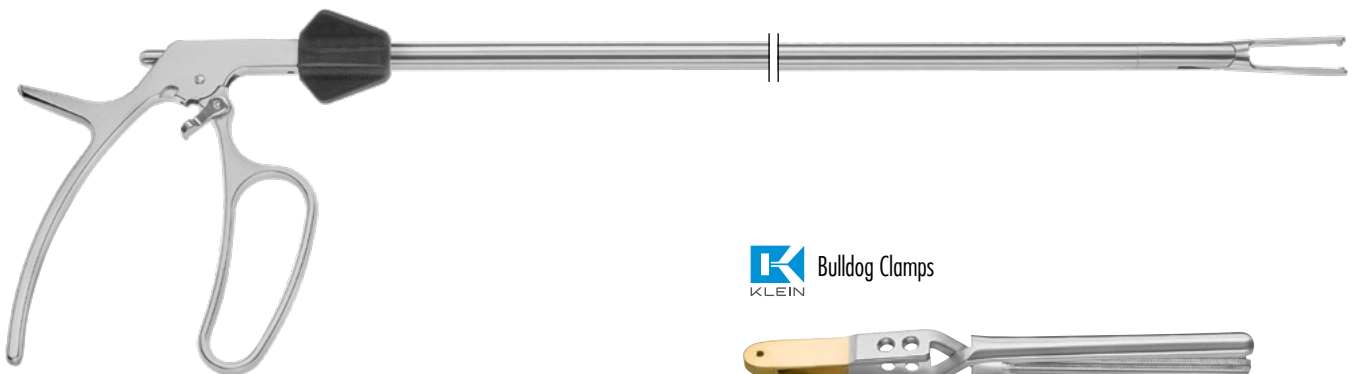


300-330-045 **MATHIEU** Endoscopic TC needle holder, traditional ratchet design, spring-loaded, curved left, Ø 5mm, 450 mm working length



Endoscopic TC needle holder, strong axial handle, automatic locking mechanism, Ø 5mm, 450 mm working length

- 300-100-697 straight jaw
- 300-100-698 left curved jaw



300-111-775 Endoscopic Bulldog Clamp Applier, detachable, Ø 10mm, 360° rotating, 450mm working length



300-100-772 60 mm jaws
Endoscopic Bulldog Clamp for bowel surgery, straight, with DeBaKey serration



300-100-786 60 mm jaws
Endoscopic Satinsky Bulldog Clamp, with DeBaKey serration, to be used with 12.5mm trocar system



300-100-789 60 mm jaws
Endoscopic Satinsky Bulldog Clamp, curved, with atraumatic DeBaKey serration, to be used with 12.5mm trocar system



Ø 5mm

insert only

300-401-732



Complete Instrument
with handle 300-750-001

300-411-732

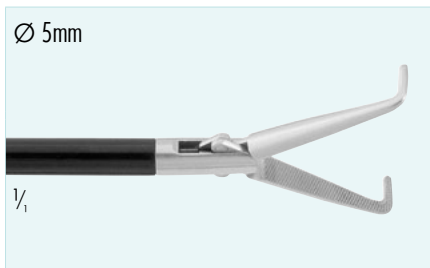


Complete Instrument
with handle 300-750-101

300-421-732

KELLY

Dissecting forceps curved, fine-tapered, cross-serrated jaws with wide opening, double action, Ø 5mm, 450 mm



Ø 5mm

1/4

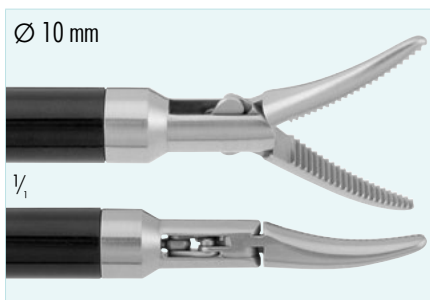
300-401-738

300-411-738

300-421-738

MIXTER

Fine dissecting forceps 90° angled, fine serrated jaws, double action, Ø 5mm, 450 mm



Ø 10 mm

1/4

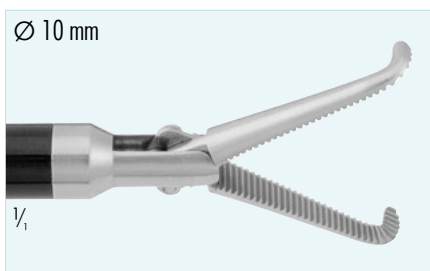
300-401-730

300-411-730

300-421-730

MARYLAND

Dissecting forceps curved, blunt jaws, double action, Ø 10 mm, 450 mm



Ø 10 mm

1/4

300-401-739

300-411-739

300-421-739

MIXTER

Dissecting forceps 90° angled, serrated jaws, double action, Ø 10 mm, 450 mm



Ø 5mm

1/4

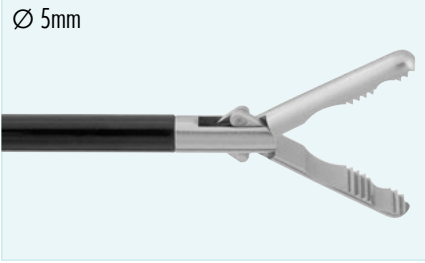
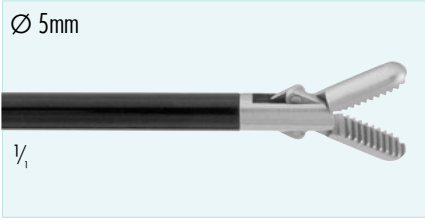
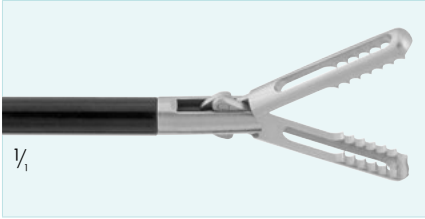
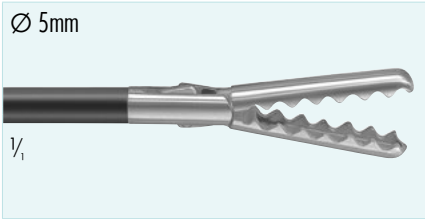
300-401-025

300-411-025

300-421-025

DOLPHIN

Grasping and dissecting forceps, fine serrated and tapered jaws, double action, Ø 5mm, 450 mm

	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103
<p>Ø 5mm</p>  <p>FUNDUS Grasping forceps with 2 cups and serrated jaws, double action, Ø 5mm, 450 mm</p>	300-401-015	300-431-015	300-441-015
<p>Ø 5mm</p>  <p>BULLNOSE Grasping forceps, heavy pattern, standard serrated jaws, double action, Ø 5mm, 450 mm</p>	300-401-001	300-431-001	300-441-001
<p>Ø 5mm</p>  <p>GRIPPER #1 Grasping forceps with coarse serration and fenestration, double action, Ø 5mm, 450 mm</p>	300-401-017	300-431-017	300-441-017
<p>Ø 5mm</p>  <p>PRESTIGE Grasping forceps with long, bevelled-edge jaws and deep cup for large tissue collection, double action, Ø 5mm, 450 mm</p>	300-401-013	300-431-013	300-441-013

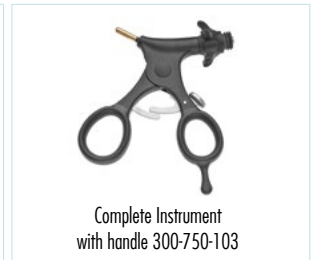


insert only

300-401-201



300-431-201



300-441-201

COBRA

Grasping forceps with sharp 2 x 4 teeth and serrated inner jaws, double action, Ø 5mm, 450 mm



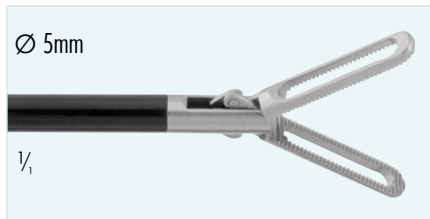
300-401-710

300-431-710

300-441-710

CLAW GRASPER

Grasping forceps, aggressive 2 x 3 teeth and smooth inner jaws, single action, Ø 10 mm, 450 mm



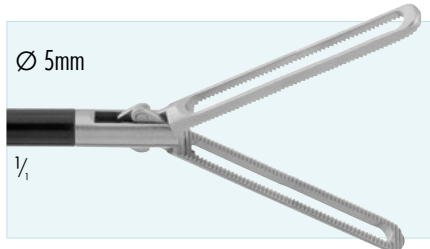
300-401-289

300-431-289

300-441-289

JOHANS

Grasping forceps with 20 mm fenestrated jaws, double action, Ø 5mm, 450 mm



300-401-291

300-431-291

300-441-291

LONG JOHANS

Grasping forceps with 40 mm fenestrated jaws, double action, Ø 5mm, 450 mm



insert only

300-401-082

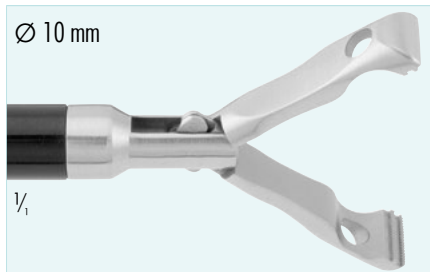


300-411-082



300-421-082

Biopsy forceps with sharp oval cups, double action, Ø 5mm, 450 mm



insert only

300-401-079



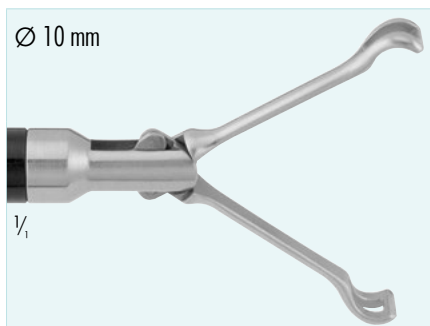
300-431-079



300-441-079

DEBAKEY BABCOCK

Traditional style Babcock grasping forceps, fenestrated jaws with atraumatic DeBakey serration, double action, Ø 10 mm, 450 mm



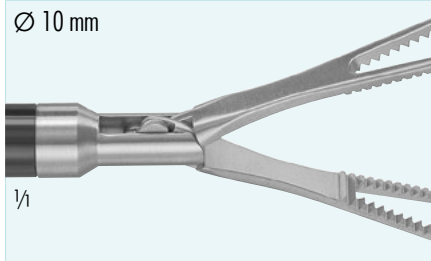
300-401-078

300-431-078

300-441-078

BABCOCK

Traditional style Babcock grasping forceps, fenestrated jaws with fine serration, double action, Ø 10 mm, 450 mm



insert only

300-401-085



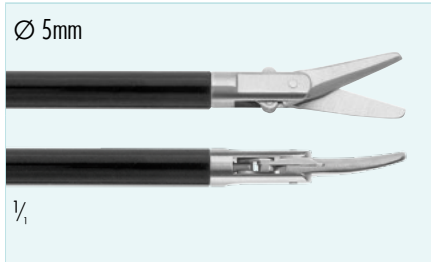
300-431-085



300-441-085

COLLIN

Grasping forceps, V-shaped tip with deep serrations for a firm grip, double action, Ø 10 mm, 450 mm



insert only

300-401-067



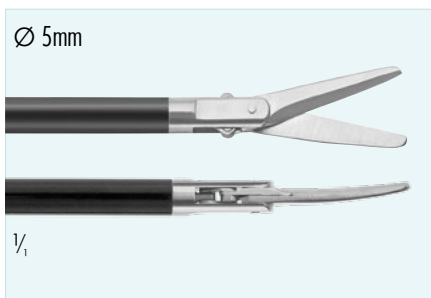
300-411-067



300-421-067

ORIGINAL METZENBAUM

Scissors, short blades (12 mm), slightly curved, double action, Ø 5mm, 450 mm



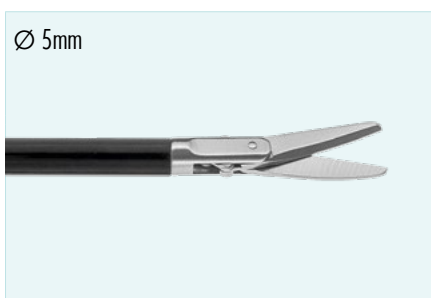
300-401-070

300-411-070

300-431-070

METZENBAUM

Scissors, long blades (18 mm), slightly curved, double action, Ø 5mm, 450 mm



300-401-072

300-411-072

300-431-072

METZENBAUM

Scissors, medium blades (15mm), slightly curved, double action, Ø 5mm, 450 mm

DETACHABLE XL BIPOLAR FORCEPS

- 360° rotatable
- Consists of forceps body & shaft - without electrode



300-860-145 Bipolar Coagulation Forceps, 450mm

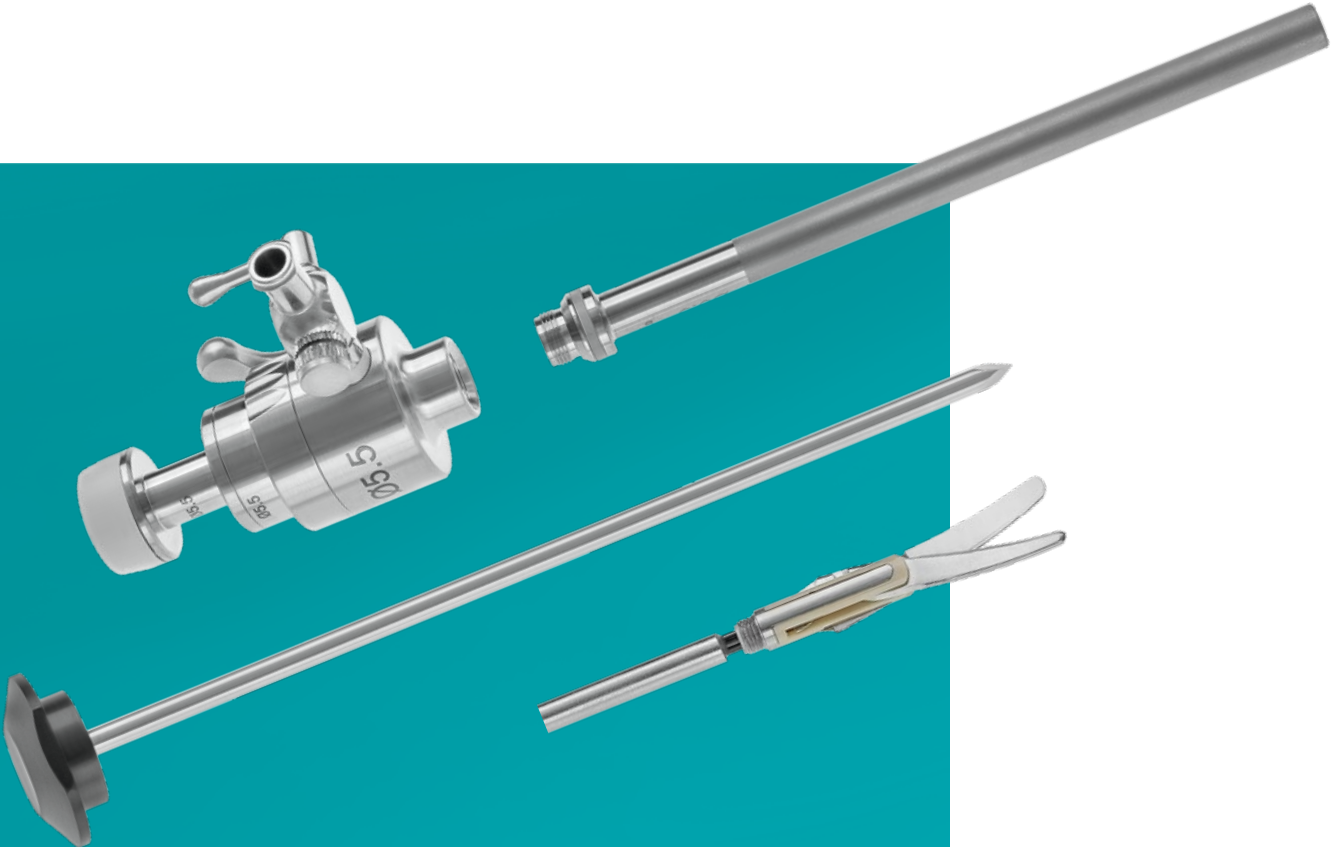
POWERGRIP XL BIPOLAR ELECTRODE INSERTS

- Insulated up to the end of the working zone
- Ø 5mm



	Grasping Forceps, fenestrated jaws, serrated, 5mm	300-860-023	450 mm
	Grasping Forceps, slightly curved	300-860-021	450 mm
	Delta Grasping Forceps	300-860-024	450 mm
	Grasping Forceps, curved	300-860-025	450 mm
	TC-Metzenbaum Scissors	300-860-028	450 mm
	Maryland Insert	300-860-029	450 mm

PEDIATRIC AND MINI INSTRUMENTS



PEDIATRIC TROCAR SYSTEM

- 100mm working length
- Ø 5.5mm



MultiPort Trocar System



SiliPort Trocar System

- 1** Stainless steel sleeve, smooth
- 2** Stainless steel sleeve, thread
- 3** Stainless steel sleeve, oblique
- 4** Synthetic sleeve, smooth
- 5** Synthetic sleeve, thread

MultiPort Trocar System

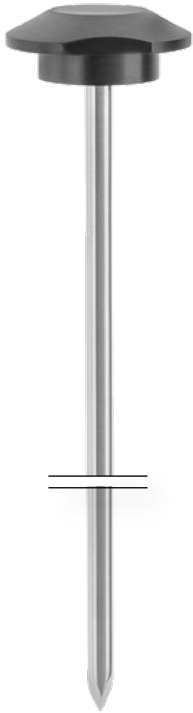
- 300-220-055*
- 300-221-055
- 300-222-055*
- 300-223-055
- 300-224-055

Siliport Trocar System

- 300-230-055
- 300-231-055
- 300-232-055
- 300-233-055
- 300-234-055



300-112-035 Stainless steel trocar with smooth sleeve, 70mm working length, Ø 3.5mm



With pyramidal tip, reusable, cutting
 300-241-035 Ø 3.5mm
 300-241-055* Ø 5.5mm



With conical tip, reusable, cutting
 300-240-035 Ø 3.5mm
 300-240-055 Ø 5.5mm



Hasson Obturator with blunt ball tip,
 reusable, atraumatic
 300-242-035 Ø 3.5mm
 300-242-055 Ø 5.5mm



Safety Trocar
 300-152-055 5.5mm



Sealing caps, color-coded, 10 pieces
 300-250-035 Ø 3.5mm (red)
 300-250-055* Ø 5.5mm (white)



Gaskets for MultiPort Trocar System, 10 pieces
 300-250-235 Ø 3.5mm (black)
 300-250-255* Ø 5.5mm (white)



Gaskets for MultiPort Trocar System, 10 pieces
 300-250-135 Ø 3.5mm
 300-250-155* Ø 5.5mm

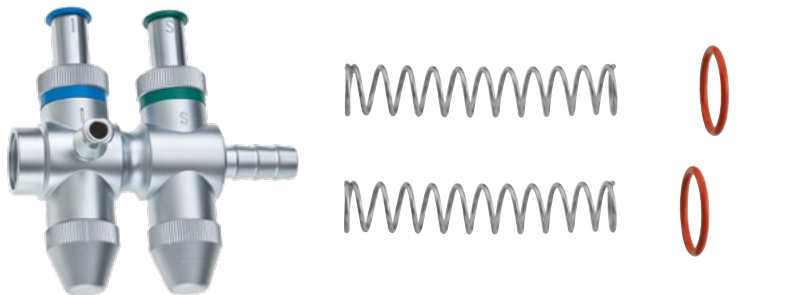
RZ EASYCLEAN MINI SUCTION AND IRRIGATION SYSTEM

- 2 color coded trumped valves
- Universal suction channel
- Lateral LuerLock irrigation channel



Suction and irrigation set
300-019-700 suction tube 300-019-735 and big valve body 300-019-501

Spare Parts for RZ EasyClean Mini Suction and Irrigation System



300-501-730 big
300-601-731 small
Single Valve Body

300-019-770
Spring
1 set with 10 pieces

300-019-780
Gasket O-Ring
1 set with 10 pieces



300-019-735 Suction and irrigation tube with 4x4 holes, \varnothing 3.5mm
for handles 300-019-501 and 300-019-601, 240mm



300-165-100 Suction and irrigation handle with 2 trumpet valves. Suction channel with large universal tube connector, irrigation channel with lateral LuerLock connection. Removable ergonomic handle plate for easy cleaning and maintenance.



300-166-100* Pistol-shaped suction and irrigation handle with 2-way valve and 2 big universal tube connectors for suction and irrigation. Ergonomic handle design for optimal operating convenience.



Suction and irrigation tubes,
for 300-165-100 and 300-166-100



4 holes, with markings, Ø 3 mm



340mm working length
250mm working length

300-172-003
300-172-253

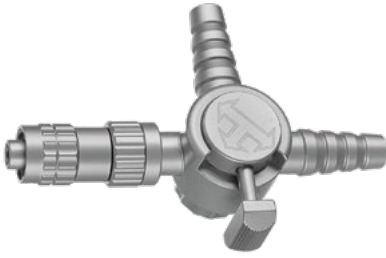


16 holes, with markings, Ø 3 mm



340mm working length
250mm working length

300-173-003
300-173-253



300-192-000 Suction and irrigation handle with rotating 2-way lever mechanism and 2 big universal tube adapter



Suction tubes, probes and irrigation tubes,
for 300-192-000



4 holes, with markings, Ø 3 mm



340mm working length
250mm working length

300-192-003
300-192-253



4 x 4 holes, with markings, Ø 3 mm



340mm working length
250mm working length

300-193-003
300-193-253



Palpation Probe, graduated, Ø 2.8 mm



340mm working length
250mm working length

300-193-303
300-193-353



Injection and puncture needle, Ø 2.8mm, 1.2mm sharp needle tip



340mm working length
250mm working length

300-194-303
300-194-353

TC ENDOSCOPIC NEEDLE HOLDERS, Ø 3mm

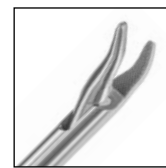


STRAIGHT HANDLE

300-300-330	straight	330mm
300-300-340	left curved	330mm
300-300-341	right curved	330mm
300-300-430	straight	450mm
300-300-440	left curved	450mm
300-300-441	right curved	450mm



Straight



Left curved



Right curved



ANGLED HANDLE

300-300-360	straight	330mm
300-300-370	left curved	330mm
300-300-371	right curved	330mm
300-300-460	straight	450mm
300-300-470	left curved	450mm
300-300-471	right curved	450mm

LAPAROSCOPIC MICRO INSTRUMENTS, 2-PIECE

- Ø 3 mm shaft
- LuerLock irrigation channel
- To be used with standard RZ handles



Metzenbaum Scissors
straight, short blade: 8mm, double action

300-503-069 330mm
300-505-069 210mm



Hook Scissors
round cutting blade, single action

300-503-060 330mm
300-505-060 210mm



Peritoneal Scissors
straight, delicate, fine serrated, single action

300-503-063 330mm
300-505-063 210mm



Micro Scissors
straight, sharp, single action

300-503-570 330mm
300-505-570 210mm



Metzenbaum Scissors
slightly curved, short blade: 12mm, double action

300-503-067 330mm
300-505-067 210mm



Biopsy Cup Forceps
sharp, oval cups, double action

300-503-082 330mm
300-505-082 210mm



Biopsy Cup Forceps
sharp, oval cups, 1 pin, 1 hole, double action

300-503-080 330mm
300-505-080 210mm



Fundus Grasping Forceps
serrated, double action

300-503-015
300-505-015

330mm
210mm



Dolphin Dissecting Forceps
fine serrated, biopsy cup, conical shape, double action

300-503-025
300-505-025

330mm
210mm



Maryland fine Dissector
serrated, curved, conical shape, double action

300-503-731
300-505-731

330mm
210mm



Dolphin Dissecting Forceps
fine serrated, double action

300-503-021
300-505-021

330mm
210mm



Johans atraumatic Grasping Forceps
fenestrated, serrated, double action

300-503-052
300-505-052

330mm
210mm



„Needle Nose“ Dissecting & Grasping Forceps
fine, conical shape, cross serrated, double action

300-503-016
300-505-016

330mm
210mm



Standard Grasping Forceps
biopsy cup, serrated, double action

300-503-000
300-505-000

330mm
210mm



Claw Grasper Forceps
2x3 teeth, smooth, single action

300-503-710
300-505-710

330mm
210mm

3.5mm LAPAROSCOPIC INSTRUMENTS

- Stronger 3-piece detachable instruments, less invasive & scarless surgery
- Very simple cleaning, assembling and disassembling
- 3.5mm mini instruments designed for pediatric (250mm) and mini Laparoscopy use



300-750-101*
PEEK Polymer Handle with
HF - connection



300-750-103*
PEEK Polymer Handle with ratchet
and HF - connection



Outer Sheath, insulated, adaptable to all handles
300-660-035 330mm
300-550-035 250mm



Metzenbaum Scissors
straight, short blade: 12mm, double action

300-403-069 330mm
300-404-069 250mm



Hook Scissors
round cutting blade, single action

300-403-060 330mm
300-404-060 250mm



Biopsy Cup Forceps
sharp, oval cups, double action

300-403-082 330mm
300-404-082 250mm



Maryland Dissecting Forceps
gently curved, double action

300-403-732 330mm
300-404-732 250mm



Mixer Dissecting Forceps
90° angled, fine serrated jaws, double action

300-403-738 330mm
300-404-738 250mm



Fundus Grasping Forceps
2 cups, serrated, double action

300-403-015 330mm
300-404-015 250mm



DeBaKey Grasping Forceps
25mm long, atraumatic, double action

300-403-244 330mm
300-404-244 250mm



Johans Grasping Forceps
20mm long, fenestrated, single action

300-403-284 330mm
300-404-284 250mm

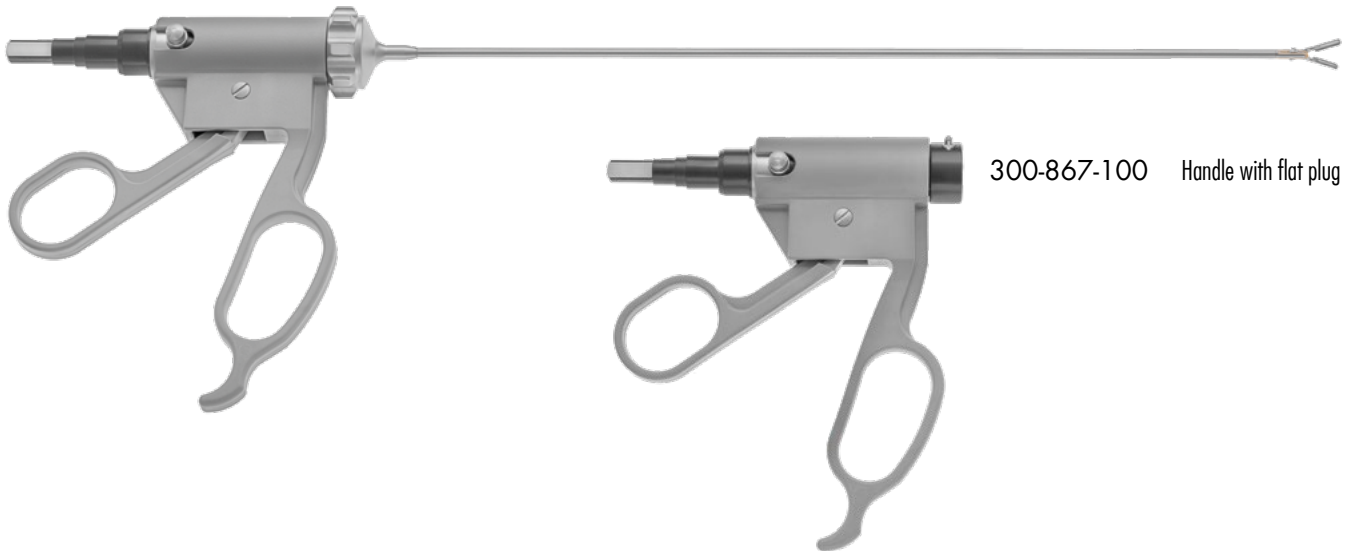


Johans Grasping Forceps
17mm long, fenestrated, double action

300-403-289 330mm
300-404-289 250mm

3mm DETACHABLE BIPOLAR FORCEPS

- Small diameter, equal performance
- One-finger control of the 360° rotation wheel
- Overload protection and direct force transmission
- Flat plug for common bipolar cables



Shaft, Ø 3mm
 300-867-129 290mm
 300-867-120 200mm



Grasping Forceps, fenestrated

300-867-529 290mm
 300-867-520 200mm



Maryland Forceps, curved

300-867-929 290 mm
 300-867-620 200 mm



Micro Forceps

300-867-729 290 mm
 300-867-720 200 mm

MICRO BIPOLAR SYSTEM, Ø 3mm

- Suits for all operations in Laparoscopy
- Especially for fine coagulation of tissue and small vessels
- Easy detachable for cleaning purposes



300-857-100 Bipolar Micro Coagulation Forceps, Ø 3mm

300-857-205
Cable only for 300-857-100

Electrode Inserts



Micro Electrode, rippled bar

300-857-111



Micro Electrode, fluted tip, 1mm

300-857-112



Bipolar Micro Electrodes, 3 mm



Bipolar L-Hook

300-857-301



Bipolar V-Hook

300-857-302








Bipolar Needle

300-857-303

MONOPOLAR COAGULATION ELECTRODES, Ø 2.8mm






	J-hook	300-200-132 300-200-232	330 mm 250 mm
	L-hook	300-200-133 300-200-233	330 mm 250 mm
	Ballpoint	300-200-134 300-200-234	330 mm 250 mm
	Spatula	300-200-131 300-200-231	330 mm 250 mm
	Needle	300-200-137 300-200-237	330 mm 250 mm

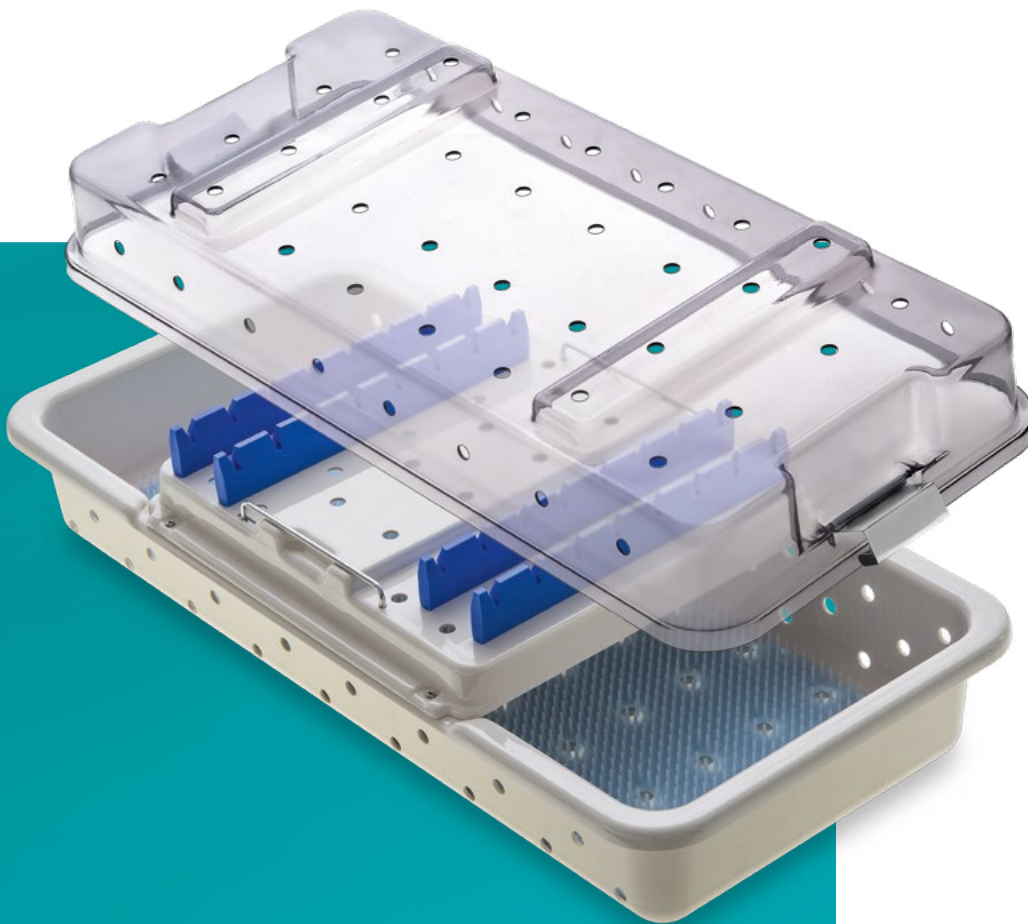
BIPOLAR COAGULATION ELECTRODES



Bipolar Micro Electrodes, Ø 3 mm, 340mm working length

	Bipolar L-Hook	300-257-002
	Bipolar V-Hook	300-257-004
	Bipolar Needle	300-257-015

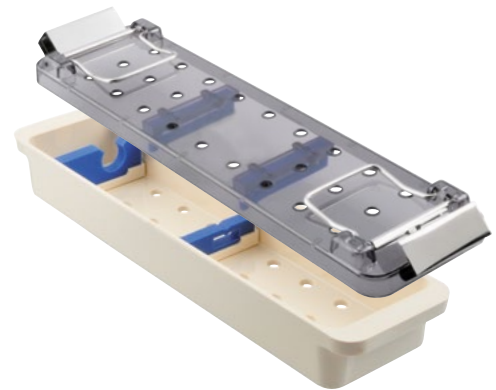
CONTAINER AND CLEANING



SAFE + CLEAN ENDOSCOPE PLASTIC CONTAINER with silicone bars on base and lid

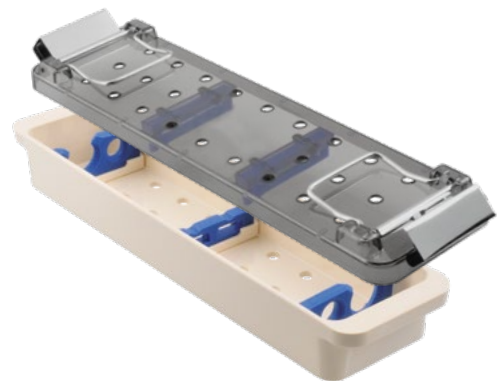
600-505-000

Endoscopes	1 (∅ 1-10mm)
Endoscope length	max. 270mm
Dimensions	271 x 70 x 35mm



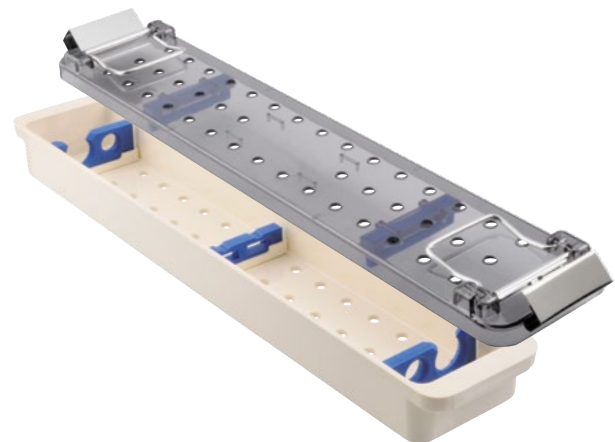
600-505-002

Endoscopes	max. 2
Endoscope length	max. 190mm
Dimensions	271 x 70 x 35mm



600-506-002*

Endoscopes	max. 2
Endoscope length	max. 390mm
Dimensions	394 x 70 x 35mm



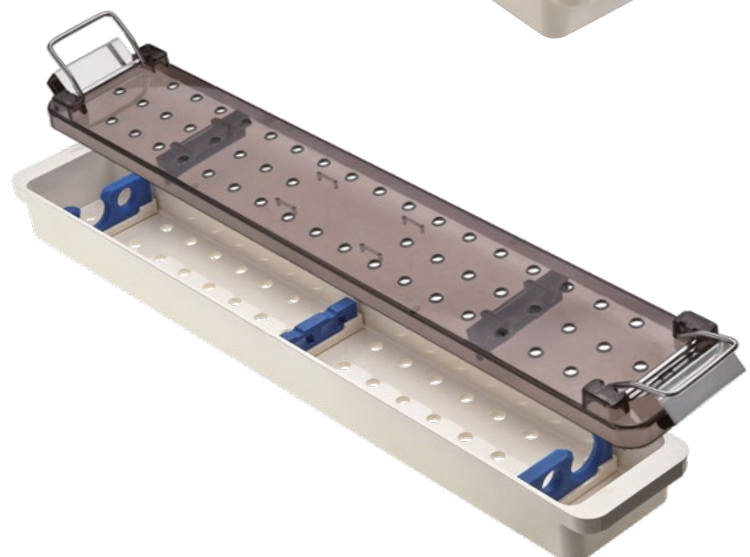
600-501-000

Endoscopes 1

600-501-002

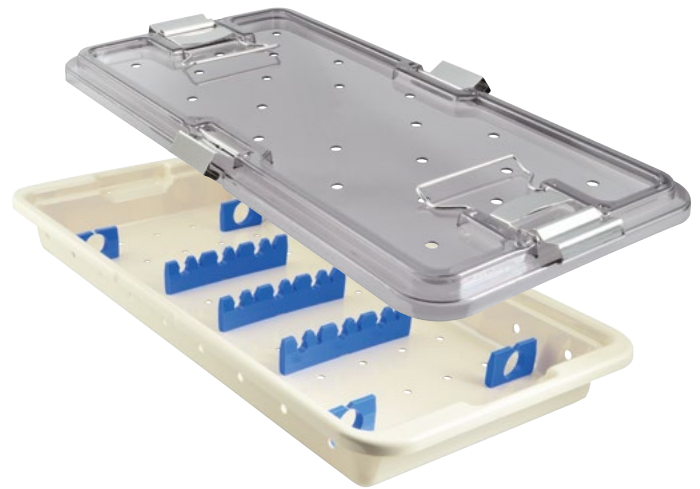
Endoscopes max. 2

Endoscope length	max. 450mm
Dimensions	457 x 70 x 35mm

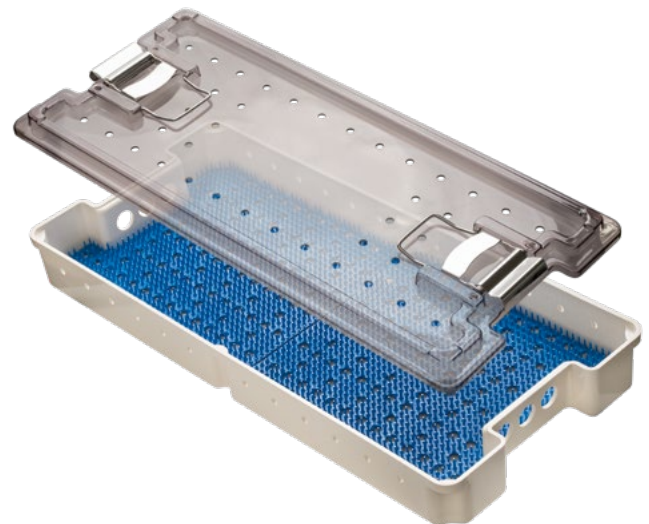


ENDOSCOPE & INSTRUMENT CONTAINERS

600-508-000	for scopes and light guide cables
Endoscopes	max. 3 (Ø 5-10mm)
Fiber Optic Light Cable	1
Endoscope length	max. 450mm
Dimensions	465 x 212 x 51mm



600-464-229	for fixation of instruments with rubber ties
Dimensions	464 x 229 x 51mm



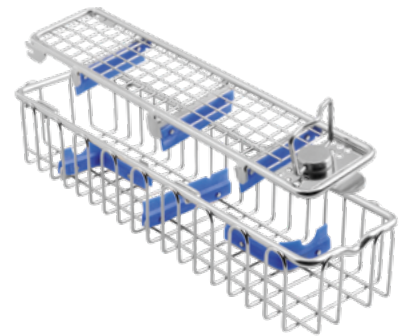
600-511-000	for instruments with rubber ties on 2 levels
Dimensions	502 x 239 x 102mm



ENDOSCOPE CLEANING BASKETS & CONTAINERS with silicone bars on base and lid

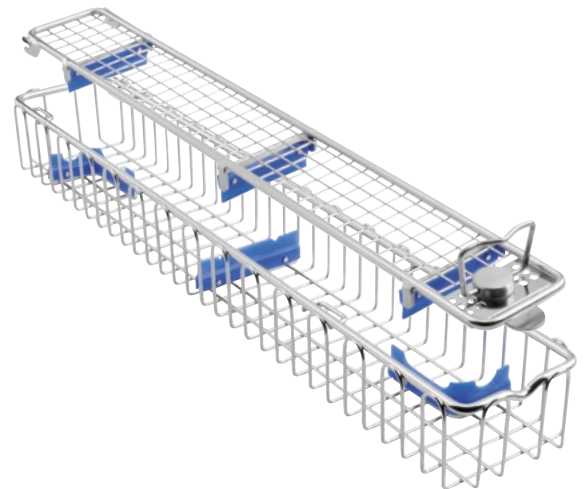
600-292-052*

Endoscopes	max. 2
Endoscope length	max. 190mm
Dimensions	290 x 80 x 52mm

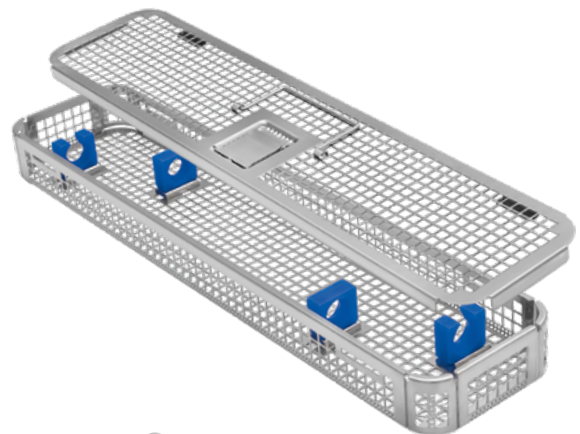


600-462-052*

Endoscopes	max. 2
Endoscope length	max. 350mm
Dimensions	460 x 80 x 52mm

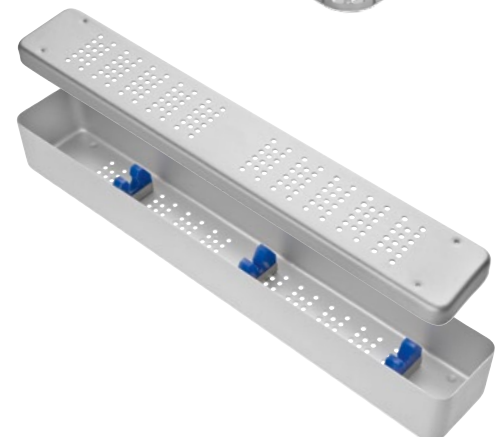


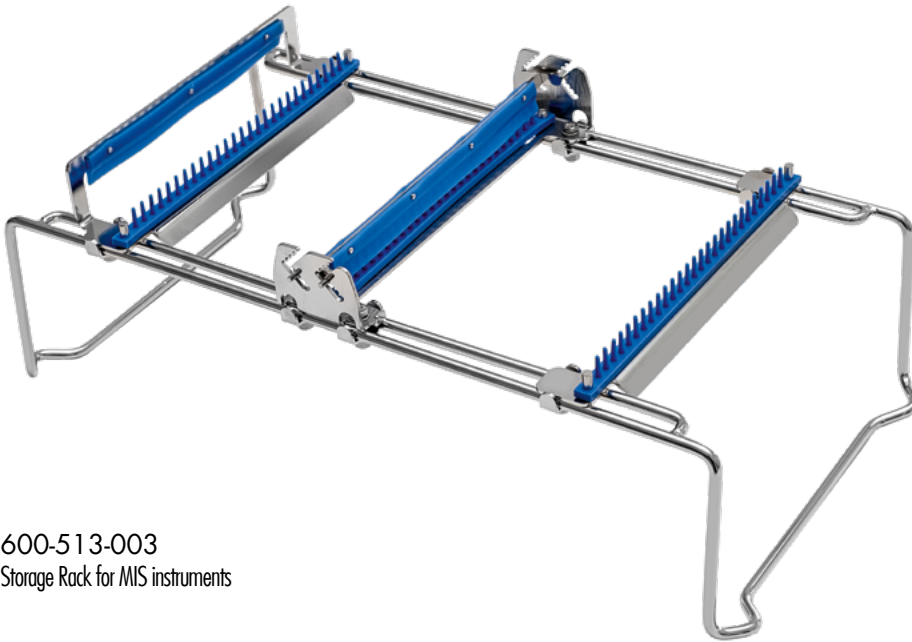
600-460-055	Endoscopes 1
600-460-056	Endoscopes max. 2
Endoscope length	max. 340mm
Dimensions	455 x 86 x 43mm



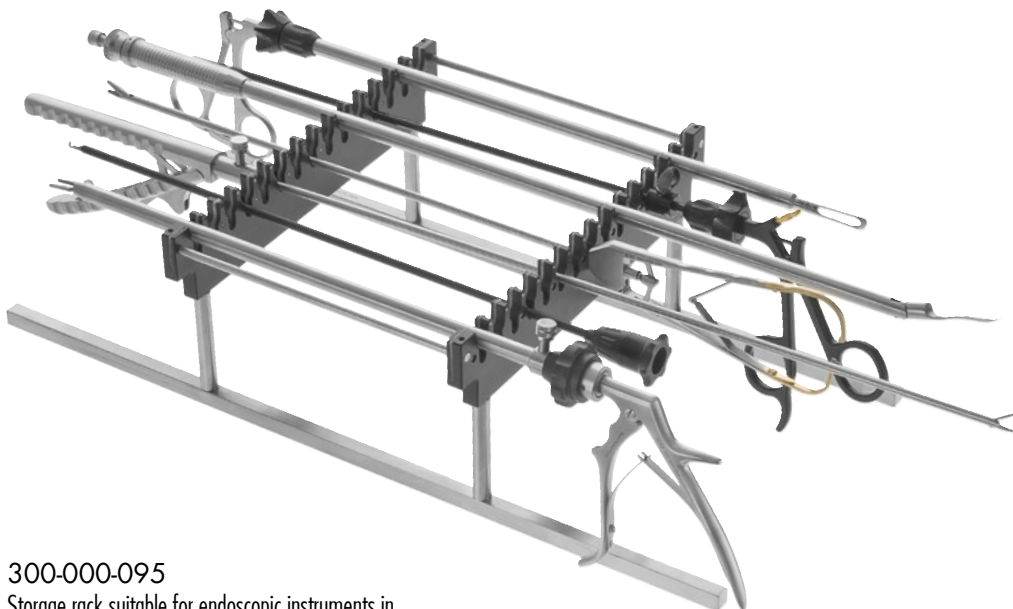
600-450-070

Endoscopes	max. 2
Endoscope length	max. 330mm
Dimensions	450 x 70 x 70mm

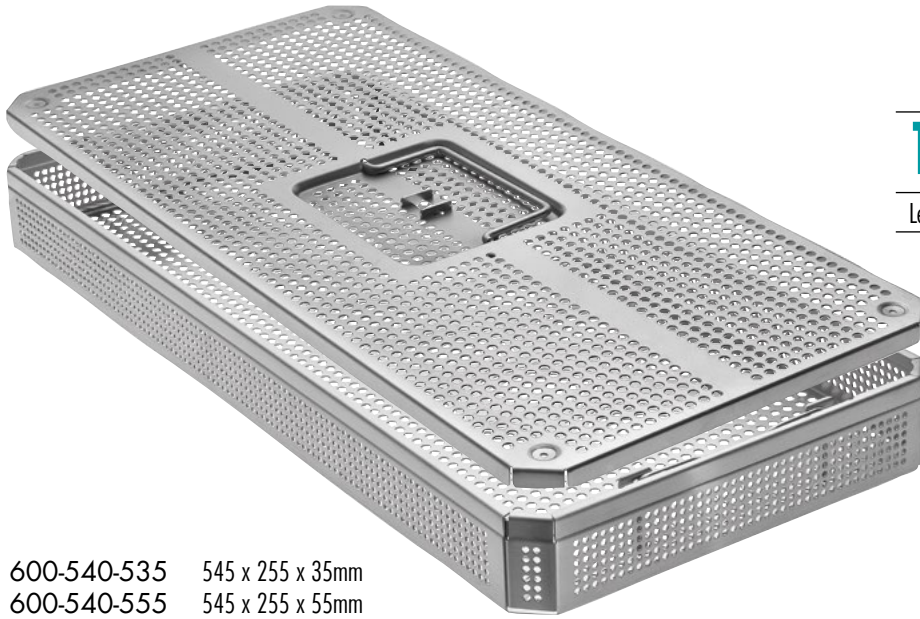




600-513-003
Storage Rack for MIS instruments



300-000-095
Storage rack suitable for endoscopic instruments in
Standard Container "Safety Model"
(without Instruments)



1/1

Stainless Steel Basket,
round perforation, with lid

Length

545mm

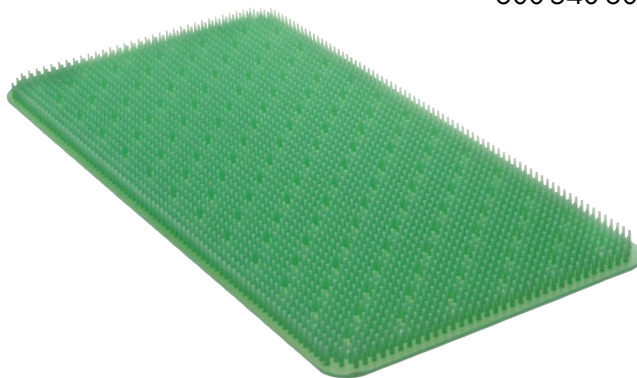
600-540-535 545 x 255 x 35mm
 600-540-555 545 x 255 x 55mm
 600-540-575 545 x 255 x 75mm
 600-540-605 545 x 255 x 105mm



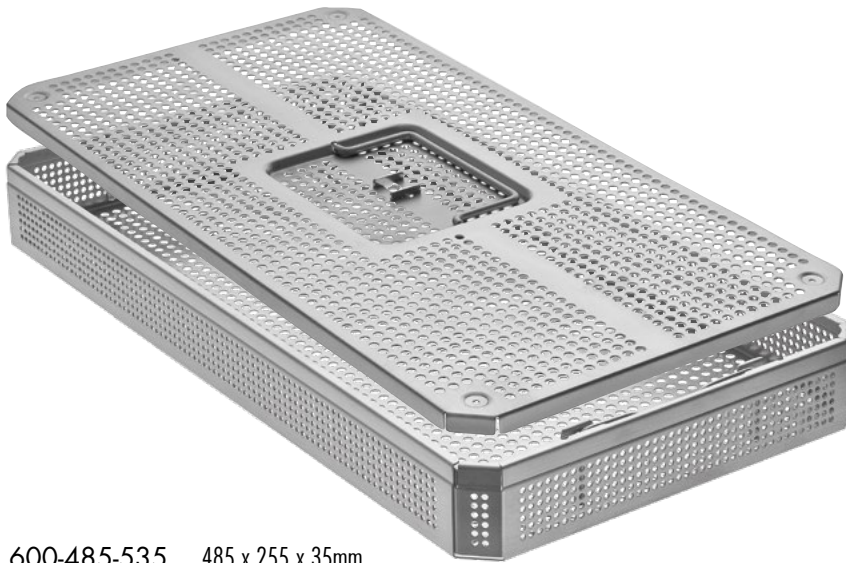
Lid only
 600-540-500 545 x 255mm



Bottom only
 600-540-530 545 x 255 x 30mm
 600-540-550 545 x 255 x 50mm
 600-540-570 545 x 255 x 70mm
 600-540-600 545 x 255 x 100mm



600-281-004 Silicone Mat green, 520 x 230mm



1/1

Stainless Steel Basket,
round perforation, with lid

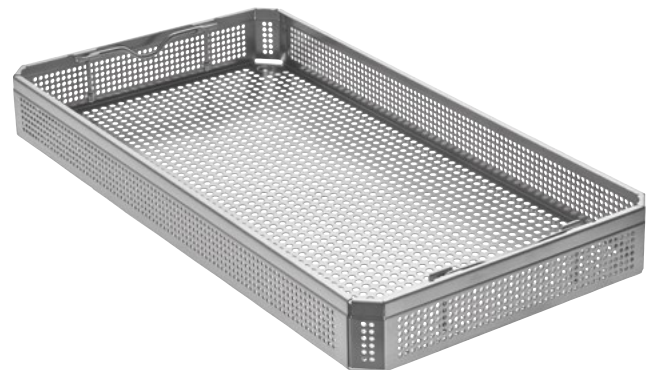
Length

485mm

600-485-535 485 x 255 x 35mm
 600-485-555 485 x 255 x 55mm
 600-485-575 485 x 255 x 75mm
 600-485-605 485 x 255 x 105mm



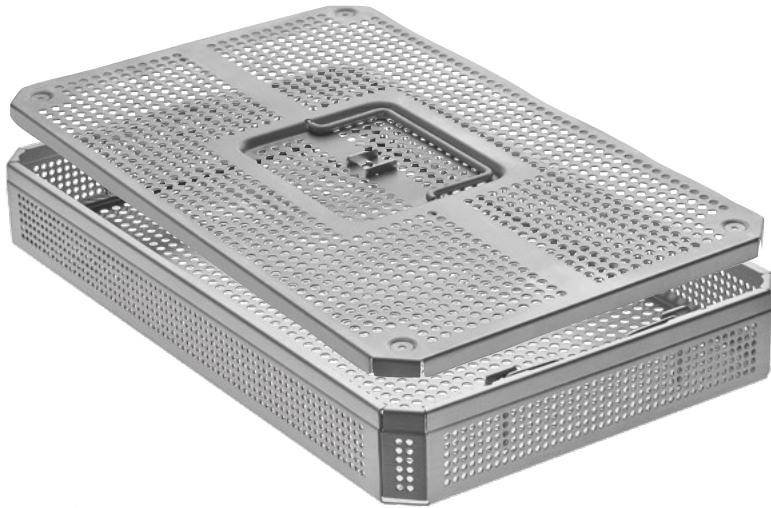
Lid only
 600-485-500 485 x 255mm



Bottom only
 600-485-530 485 x 255 x 30mm
 600-485-550 485 x 255 x 50mm
 600-485-570 485 x 255 x 70mm
 600-485-600 485 x 255 x 100mm



600-281-003 Silicone Mat green, 440 x 230mm



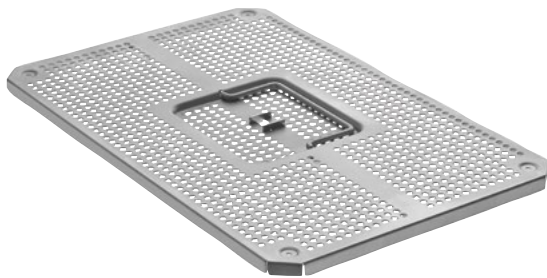
3/4

Stainless Steel Basket,
round perforation, with lid

Length

405mm

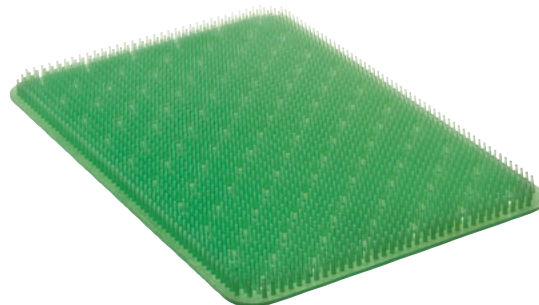
600-405-535 405 x 255 x 35mm
 600-405-555 405 x 255 x 55mm
 600-405-575 405 x 255 x 75mm
 600-405-605 405 x 255 x 105mm



Lid only
 600-405-500 405 x 255mm



Bottom only
 600-405-530 405 x 255 x 30mm
 600-405-550 405 x 255 x 50mm
 600-405-570 405 x 255 x 70mm
 600-405-600 405 x 255 x 100mm



600-281-002 Silicone Mat green, 380 x 230mm



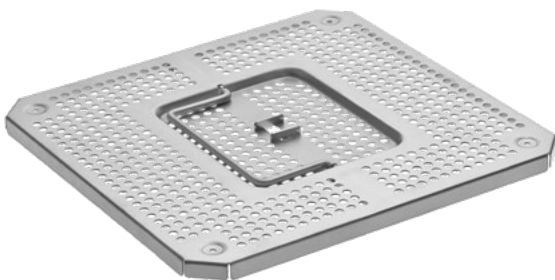
1/2

Stainless Steel Basket,
round perforation, with lid

Length

255mm

600-255-535 255 x 245 x 35mm
 600-255-555 255 x 245 x 55mm
 600-255-575 255 x 245 x 75mm
 600-255-605 255 x 245 x 105mm



Lid only

600-255-500 255 x 245mm



Bottom only

600-255-530 255 x 245 x 30mm
 600-255-550 255 x 245 x 50mm
 600-255-565 255 x 245 x 70mm
 600-255-600 255 x 245 x 100mm



600-281-001 Silicone Mat green, 220 x 230mm



SIZE (LXWXH)



580 x 280 x 100mm

●	600-580-101	600-579-101
●	600-580-102	600-579-102
●	600-580-103	600-579-103
●	600-580-104	600-579-104
●	600-580-105	600-579-105
●	600-580-106	600-579-106



580 x 280 x 135mm

●	600-580-131	600-579-131
●	600-580-132	600-579-132
●	600-580-133	600-579-133
●	600-580-134	600-579-134
●	600-580-135	600-579-135
●	600-580-136	600-579-136



580 x 280 x 150mm

●	600-580-151	600-579-151
●	600-580-152	600-579-152
●	600-580-153	600-579-153
●	600-580-154	600-579-154
●	600-580-155	600-579-155
●	600-580-156	600-579-156



580 x 280 x 200mm

●	600-580-201	600-579-201
●	600-580-202	600-579-202
●	600-580-203	600-579-203
●	600-580-204	600-579-204
●	600-580-205	600-579-205
●	600-580-206	600-579-206



580 x 280 x 260mm

●	600-580-261	600-579-261
●	600-580-262	600-579-262
●	600-580-263	600-579-263
●	600-580-264	600-579-264
●	600-580-265	600-579-265
●	600-580-266	600-579-266

SIZE (LXWXH)



465 x 280 x 100mm

●	600-469-101	600-470-101
●	600-469-102	600-470-102
●	600-469-103	600-470-103
●	600-469-104	600-470-104
●	600-469-105	600-470-105
●	600-469-106	600-470-106



465 x 280 x 135mm

●	600-469-131	600-470-131
●	600-469-132	600-470-132
●	600-469-133	600-470-133
●	600-469-134	600-470-134
●	600-469-135	600-470-135
●	600-469-136	600-470-136



465 x 280 x 150mm

●	600-469-151	600-470-151
●	600-469-152	600-470-152
●	600-469-153	600-470-153
●	600-469-154	600-470-154
●	600-469-155	600-470-155
●	600-469-156	600-470-156

SIZE (LXWXH)



285 x 280 x 100mm	●	600-280-101	600-279-101
	●	600-280-102	600-279-102
	●	600-280-103	600-279-103
	●	600-280-104	600-279-104
	●	600-280-105	600-279-105
	●	600-280-106	600-279-106



285 x 280 x 135mm	●	600-280-131	600-279-131
	●	600-280-132	600-279-132
	●	600-280-133	600-279-133
	●	600-280-134	600-279-134
	●	600-280-135	600-279-135
	●	600-280-136	600-279-136



285 x 280 x 150mm	●	600-280-151	600-279-151
	●	600-280-152	600-279-152
	●	600-280-153	600-279-153
	●	600-280-154	600-279-154
	●	600-280-155	600-279-155
	●	600-280-156	600-279-156



285 x 280 x 200mm	●	600-280-201	600-279-201
	●	600-280-202	600-279-202
	●	600-280-203	600-279-203
	●	600-280-204	600-279-204
	●	600-280-205	600-279-205
	●	600-280-206	600-279-206



285 x 280 x 260mm	●	600-280-261	600-279-261
	●	600-280-262	600-279-262
	●	600-280-263	600-279-263
	●	600-280-264	600-279-264
	●	600-280-265	600-279-265
	●	600-280-266	600-279-266



Identification label, 100 pieces per package

① 600-908-100 STANDARD

② 600-908-000 SMALL



600-909-000
Plastic security seal,
100 pieces per package

Identification label

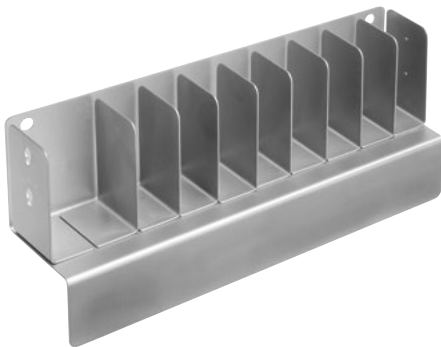
with hole for snap hook

56x17mm

50x17mm



unmarked	●	600-900-040	600-900-041	
	●	600-900-050	600-900-051	
	●	600-900-060	600-900-061	
	●	600-900-070	600-900-071	
	●	600-900-080	600-900-081	
	●	600-900-090	600-900-091	
	●	600-900-100	600-900-101	
	●	600-900-108	600-900-109	
	marked	●	600-900-110	600-900-111
		●	600-900-120	600-900-121
●		600-900-130	600-900-131	
●		600-900-140	600-900-141	
●		600-900-150	600-900-151	
●		600-900-160	600-900-161	



600-900-210

Dispenser for identification labels
(8 small compartments and 1 double compartment)
as table or wall model



600-380-100

PTFE (TEFLON) Filter, round, STANDARD



600-290-630

Filter Dispenser for disposable Filter,
round, 195x195mm



600-100-000
RZ-Aquajet
Water Jet Pistol complete
with 9 tips and 1m pressure
tubing, with strap and
suspension hook



600-050-000
Hand brush, autoclavable
(10 pcs. per box)



600-950-100
RZ - Brush dispenser
for 10 brushes with suspension hook



700-900-220 Special Cotton for polishing metal sheaths and instruments



700-900-160
Instrument Oil in 50ml bottle



700-900-250
Oil Dispenser, 140mm



Cleaning brush (1 piece per box), 500mm length
300-135-905 for \varnothing 5mm
300-135-910 for \varnothing 10 mm



300-215-000 Cleaning Brush, \varnothing 13mm, 215mm length, 60mm brush length



300-420-065 Cleaning Brush, \varnothing 3mm, 420mm length, 65mm brush length

DEVICES



INSUFFLATOR



Features:

- User-friendly interface
- Highest safety standard for patients
- All units are available with or without CO₂ heating system
- Pre-insufflation mode for use with Verres Cannulas
- Non-heating unit have the same gasflow rates as heating unit models

DELIVERY CONTAINS:

- Main Unit (300-900-020/-021/030/-031/-040/-041)
- Sterile Filter (300-902-007)* (TP Product)
- Wrench Set (300-902-006)
- CO₂ High Pressure Tube (300-902-003)
- Standard Silicone Tube (300-902-005)
- Silicone Tube (300-902-004), only Heater-Version
- Gas Heater with tube (300-902-001), only Heater-Version
- Operating manual
- Mains cable

Airflow Insufflator A2/A3/A4

- 300-900-020 20L/min
- 300-900-021 20L/min, with heating unit
- 300-900-030 30L/min
- 300-900-031 30L/min, with heating unit
- 300-900-040 45L/min
- 300-900-041 45L/min, with heating unit

Technical data

Line voltage	100-240 VAC
Power consumption	25 - 40W 25-105W (with gas heating) max. 0.4A (max. 1A with gas heating)
Frequency	50 - 60Hz
Insufflation pressure	1 - 30mmHG
Gas flow	1-20L/min (300-900-020 / -021) 1-30L/min (300-900-030 / -031) 1-45L/min (300-900-040 / -041)

Gas connection	UNF 7/16" male
Gas type	Medical Grade Carbon Dioxide
Dimensions	380 x 120 x 360 mm (WxHxD)
Weight	11kg



- 1** Insufflation needle, matt chrome, \varnothing 2 mm
- 300-195-080 80 mm
 - 300-195-100 100 mm*
 - 300-195-120* 120 mm*
 - 300-195-150 150 mm*
 - 300-195-170 170 mm
 - 300-195-200 200 mm

- 2** Insufflation needle, polished chrome, \varnothing 2.7 mm, High-Flow
- 300-195-300 100 mm
 - 300-195-320 120 mm*
 - 300-195-350 150 mm*
 - 300-195-370 170 mm*

* standard length

Accessories (included):



Wrench Set (SW30/SW17)
300-902-006



Sterile Filter*
300-902-007



Standard Silicone Tube
300-902-005



Gas heater with tube (only Heater-Version)
300-902-001



CO2 High Pressure Tube
300-902-003



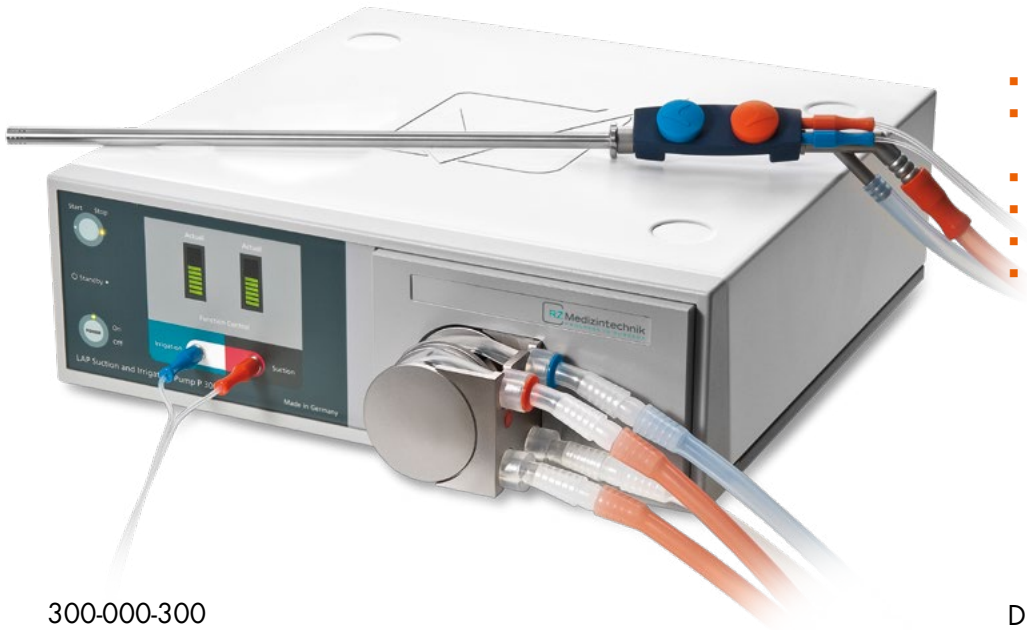
Silicone Tube (only Heater-Version)
300-902-004



Optional available:
300-902-008
CO2 Bottle, 0.75kg, empty

* Trade Product:
Products marked with this TradeProduct-Symbol are not available with RZ-Marking and not with the CE-number of RZ.

SUCTION & IRRIGATION PUMP



Features:

- Double roll pump for precise suction and irrigation during Laparoscopic surgeries
- Optional footswitch available
- Digital display of actual suction and irrigation pressures
- High flow rates up to 3L/min
- Color coded tubing sets
- Standby function
- Hand remote controlled

DELIVERY CONTAINS:

- Pump device (300-000-300)
- Cannula 5mm (300-000-302)
- Cannula 10mm (300-000-303)
- Silicone Tubing Set (300-000-301)
- Tube Adapter (300-000-304)
- Pneumatic Control Handle (300-000-305)
- Double-Lumen Control Tube (300-000-306)
- Mains cable
- 2 Spare fuses
- Operating manual

300-000-300

LAP Suction and Irrigation Pump P 3000, complete set

Technical data

Line voltage	100-240 VAC
Power input	36W
Irrigation power	0 - 3.000ml/min
Suction power	0 - 3.000ml/min
Max. pressure	0 - 750mmHg
Measurements	380 x 130 x 400mm (WxHxD)
Weight	approx. 11kg

Accessories

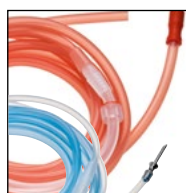


300-000-304

Adapter with instrument connector, autoclavable

300-000-307

Pneumatic double footswitch



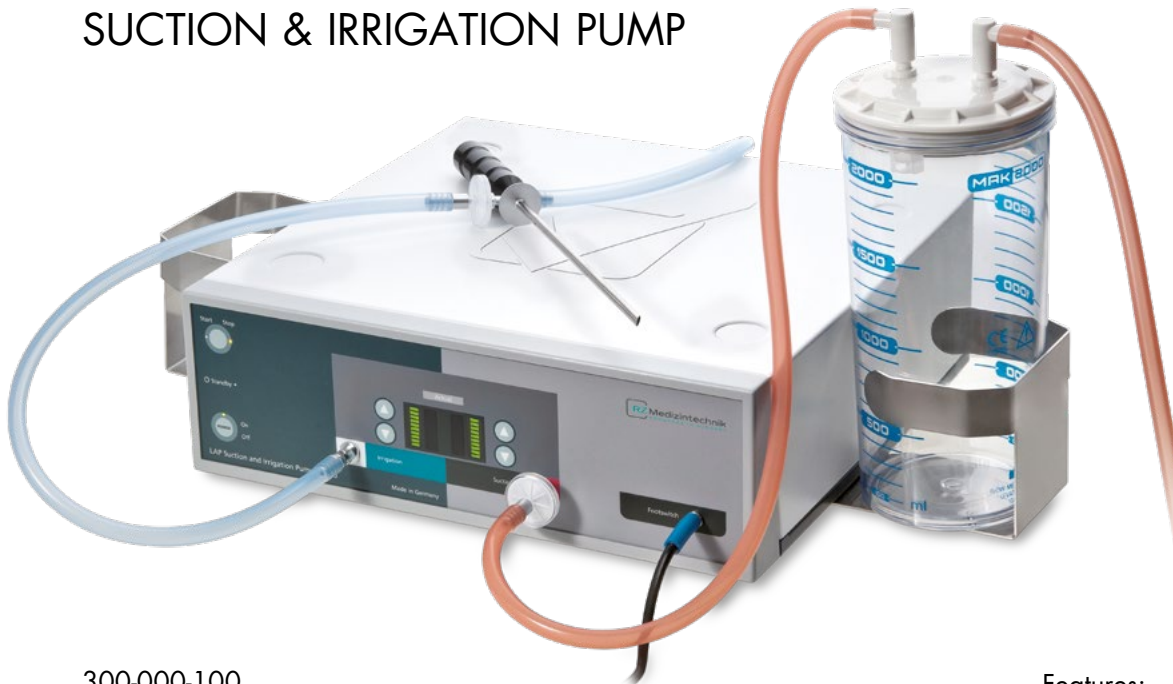
300-000-301 (included)

Tubing Set, non-sterile, autoclavable

300-000-301S (optional)

Tubing Set, single-use, sterile, moq: 50 pcs.

SUCTION & IRRIGATION PUMP



300-000-100
LAP Suction and Irrigation Pump P1000, complete set

Technical data

Line voltage	100-240 VAC
Power input	80VA
Irrigation power	3L/min
Suction power	3L/min
Max. vacuum	- 525mmHG
Max. pressure	0 - 750mmHG
Measurements	380 x 120 x 360mm (WxHxD) with Aspiration Bottle Retainers approx. 440 x 120 x 360mm
Weight	Device: approx. 11kg Aspiration Bottle-Retainer: (for 1 Liter = 0.34kg, for 2 Liter = 0.44kg)

Features:

- Dual suction and irrigation vacuum pump
- Digital display of suction and irrigation pressures
- High rates up to 3L/min
- Color coded tubing sets
- Standby function
- Low noise level
- Hydrophobic disposable filters

DELIVERY CONTAINS:

- Pump device (300-000-100)
- Suction and irrigation tubing set (300-000-102)
- Aspiration bottle 2L with overflow valve (300-000-101)
- Puncture tube 235mm (300-001-521)
- 2 Hydrophobic disposable sterile filters (300-000-103)
- 2 Bottle holders with screws
- Mains cable
- 2 Spare fuses
- Operating manual

Accessories (optional available)



300-000-110
Start/Stop - Footswitch

4K CAMERA SYSTEM



Features:

- 4K UHD resolution with 3-chip technology
- Image algorithm enhancement of color and structure
- 4K video recording
- 4K image saving
- Camera head with 4 programmable buttons
- Boost function
- Fog reduction
- Freeze function
- 2.5x digital zoom
- 10 USER mode configurations
- Multilingual on screen menu
- SDI 4K Output
- Text generator (optional with keyboard)

300-001-840 4K 3-Chip UHD-Camera K 4000

DELIVERY CONTAINS:

- Main Unit (300-001-840)
- Camera head (300-001-841)
- HDMI cable
- USB Pen Drive
- Mains cable
- Operating manual

4K

Technical data

Line voltage	100-240 VAC
Power consumption	60VA
Image sensor	3 MOS
Resolution	3840 x 2160 pixels (4K)
Index ratio	16:9
N/N ratio	54db

Video outputs	1x HDMI 4K 1x HDMI FullHD 1x SDI 4K 1x SDI FullHD
Dimensions	Control unit: 355 x 103 x 350mm (WxHxD) Weight control unit: 6.2kg Weight camera head: 145g

Accessories



300-001-841
UHD 3-Chip Camera Head
(included in the set)



300-001-615
Title generator keyboard, waterproof IP68
US-Layout, cable 1.8m, color: grey,
305x140x15mm, 600gr.



300-001-610
Footswitch for HD Cameras
cable length: 2m

FULL HD CAMERA SYSTEM



300-001-800 3 Chip HD-Camera F3
 300-001-804 3 Chip HD-Camera F4 (with recording function)

FULL HD

Technical data

Line voltage	100-240 VAC
Power input	20W
Image sensor	3 MOS
Resolution	1920 x 1080 pixels (FullHD)
Image resolution	>1000 TV lines, horizontal
Index ratio	16:9
Min. sensitivity	< 3lx (1/1.4)
Shutter speed	1/50 (1/60) to 1/100.000sec

Video outputs (F4)	2 x HD SDI 1x HDMI / DVI 2x CVBS 1 x YPbPr / RGB 1 x Y/C (Pal/NTSC) 1x CVBS (Pal/NTSC)
Video outputs (F3)	1 x HDMI / DVI 1 x YPbPr (Component) 1 x Y/C (Pal/NTSC) 1x CVBS (Pal/NTSC)
Dimensions	Control unit: 380 x 120 x 360mm (WxHxD) Weight control unit: 11kg Weight camera head: 145g

Features:

- Full HD camera with 3-chip MOS technology
- Pure Natural Colors technology
- Full HD video recording (F4 only)
- Full HD image saving (F4 only)
- Camera head with 3 programmable buttons
- Boost function
- Freeze function
- 2.5x digital zoom
- 3 USER mode configurations
- Multilingual on screen menu
- Different digital video outputs
- Text generator (optional with keyboard)

DELIVERY CONTAINS:

- Main Unit
- Camera head
- 2x BNC cable
- HDMI - DVI cable
- HDMI cable
- S-Video cable (F3 only)
- USB Pen Drive (F4 only)
- Mains cable
- Operating manual

Accessories



300-001-802
 High-End 3-MOS Camera Head
 FullHD (included in the set)



300-001-615
 Title generator keyboard, waterproof IP68
 US-Layout, cable 1.8m, color: grey,
 305x140x15mm, 600gr.



300-001-610
 Footswitch for HD Cameras
 cable length: 2m

FULL HD CAMERA SYSTEM



Features:

- Full HD camera with 1-chip MOS technology
- Natural color technology
- Full HD video recording (F2 Pro only)
- Full HD image saving (F2 Pro only)
- Camera head with 3 programmable buttons
- Boost function
- Freeze function
- 2.5x digital zoom
- 3 USER mode configurations
- Multilingual on screen menu
- HDMI video outputs
- Text generator (optional with keyboard)

- 300-001-600 HD-Camera F1
- 300-001-601 HD-Camera F2 Pro (with recording function)

DELIVERY CONTAINS:

- Main Unit
- Camera head
- 2x BNC cable
- HDMI - DVI cable
- HDMI cable
- S-Video cable
- USB Pen Drive (F2 Pro only)
- Operating manual
- Mains cable

FULL HD

Technical data

Line voltage	100-240 VAC
Power input	F2 Pro: 30W / F1: 20W
Image sensor	1/3" MOS
Resolution	1920 x 1080 pixels (FullHD)
Image resolution	>1000 TV lines, horizontal
Index ratio	16:9
Min. sensitivity	< 3lx (1/1.4)

Video outputs (F2 Pro)	2 x HD SDI (optional) 1 x HDMI / DVI 1 x Y-Pb-Pr (Component) 1 x Video (PAL/NTSC) 1 x S-Video (PAL/NTSC)
Video outputs (F1)	1 x HDMI 1 x YPbPr / RGB 1 x S-Video (Y/C; Pal / NTSC) 1 x Video (CVBS; Pal / NTSC)
Dimensions	Control unit: 380 x 120 x 360mm (WxHxD) Weight control unit: 11kg Weight camera head: 105g

Accessories



300-001-602
High-End 1/3" MOS Camera Head
Full HD (included in the set)



300-001-615
Title generator keyboard, waterproof IP68
US-Layout, cable 1.8m, color: grey,
305x140x15mm, 600gr.



300-001-610
Footswitch for HD Cameras
cable length: 2m

TV COUPLER



4K
FULL HD

300-001-823 f=14mm
300-001-824 f=25mm
300-001-825 f=28mm
c-mount, soakable



4K
FULL HD

250-015-030
Zoom-TV-Adapter
f=15 - 30mm
c-mount, soakable



4K
FULL HD

250-015-036
Zoom-TV-Adapter
f=15 - 36mm
c-mount, soakable



FULL HD

300-001-813 f=14mm
300-001-814 f=25mm
c-mount, soakable



FULL HD

250-020-025 F=25mm (splitting 90/10)
250-020-030 F=30mm (splitting 90/10)
Beamsplitter, allows simultaneous video
and direct views, c-mount, soakable

RZ MEDIA WORKSTATION Innovative Documentation System – the stand alone “all in one” solution

Sophisticated users get a comprehensive tool for creating, documenting and archiving of videos, pictures and findings.

An extensive set of tools gives the ability for easy creation of individual and complex findings reports. Easy integration into IT-environment ensures an optimal workflow. The database provides long-term availability of picture findings with almost no capacity limitation.

Diagnostics & Results

- Recording of videos and pictures
- PACS support DICOM worklist/store
- Playing videos with abstraction of individual images
- Manual input of comments and markers for sessions and recordings
- Graphical markers with individual comments
- Creation of reports incl. patient information, pictures, videos and comments
- Full-text search in data base
- User management including import, adaption and export of patients
- LIVE OR communication via e.g. Zoom, Skype or Teams
- Hospital Safety guidelines
(Windows based network and firewall)



Documentation System 21" touch

300-001-199 OR version with DICOM worklist

300-001-198 without DICOM worklist



LED LIGHT SOURCE



Features:

- 6500K daylight color temperature
- 375 Watt equivalent output power
- > 20.000 hours lifetime
- Turret connector for the most common light cables (Olympus, Wolf, Gyrus ACMI, Storz)
- Manual or automatic light control
- Waterproof touch control panel
- Low heat conduction by improved LED technology
- Boost function: light increase of 20%

300-900-300 LUMEN LED 3 PRO Light Source, 110 - 230V



Technical data

Line voltage	100-240 VAC
Video input	1x Video, BNC
Protection class	1 (acc. IEC 60601-1) 1 (acc. MDD 93/42/EEC)
Safety class	BF
Standard	IEC 60601-1-2
Dimensions	380 x 120 x 360mm (WxHxD)
Weight	approx. 11kg

DELIVERY CONTAINS:

- Main Unit (300-900-300)
- BNC cable (optional)
- Mains cable
- Operating manual



A OLYMPUS

B WOLF

C GYRUS ACMI

D STORZ
KARL STORZ ENDOSKOP

Turret, multi connector

LED LIGHT SOURCE



Features:

- More than 20.000h lamp lifetime
- 180 Watt equivalent power output
- Manual or automatic light control
- Waterproof touch control panel
- Low heat conduction by improved LED technology
- Daylight color temperature 6000 – 6500° K for accurate color representation
- Boost function: light increase of 20%

300-900-180 LUMEN LED 1 Light Source



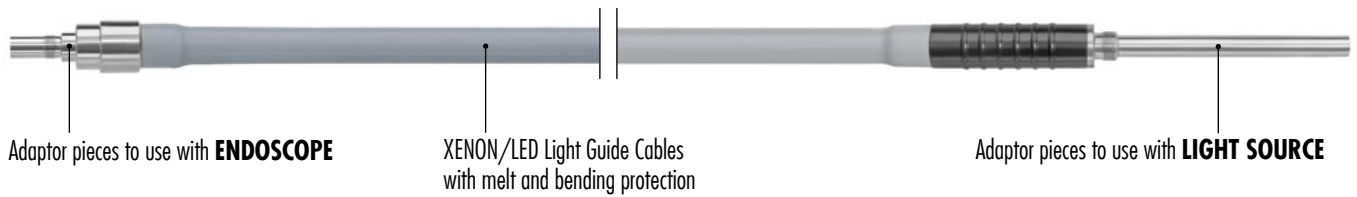
DELIVERY CONTAINS:

- Main Unit (300-900-180)
- BNC cable
- Mains cable
- Operating manual

Technical data

Line voltage	100-240 VAC
Power consumption	130VA
Video input	1x Video, 1x S-Video (Y/C) (automatic version only)
Protection class	1 (acc. IEC 60601-1) 1 (acc. MDD 93/42/EEC)
Safety class	BF
Dimensions	380 x 120 x 360mm (WxHxD)
Weight	approx. 11kg

HIGH TEMPERATURE LED/XENON LIGHT CABLES



250-042-000
250-042-400 for ICG/NRI
RZ/Storz/Olympus



250-040-000
Wolf



250-041-000
ACMI/British Standard

250-025-230	∅ 2.5mm, 2300 mm
250-025-300	∅ 2.5mm, 3000 mm
250-035-180	∅ 3.5mm, 1800 mm
250-035-230	∅ 3.5mm, 2300 mm
250-035-300	∅ 3.5mm, 3000 mm
250-048-180	∅ 4.8mm, 1800 mm
250-048-230	∅ 4.8mm, 2300 mm
250-048-300	∅ 4.8mm, 3000 mm



250-039-000
250-039-400 for ICG/NRI
RZ/Storz



250-038-000
ACMI/CUDA



250-048-000
Luxtec



250-051-000
Stryker



250-037-000
250-037-400 for ICG/NRI
Wolf



250-044-000
Olympus



250-045-000
Olympus - Standard



250-052-000
Heine



250-059-000
Pentax

ICG/NIR LIGHT CABLE



250-048-234
LED High Transmission Fibre Optic Light Guide Cable
∅ 4.8mm, 2300mm, without adaptor

COMPATIBILITY NOTE:

A fiber optic cable with a large diameter should not be connected to a smaller diameter scope.
For example: ∅ 4.8mm fiber optic cables connected to a ∅ 2.9mm may risk high temperature at the light entry of the endoscope and may risk patient safety.

ELECTROSURGICAL GENERATOR



Features:

- Monopolar/bipolar cutting and coagulation
- Automatic identification of connected instruments
- Powerstart System simplifies the beginning of cutting process
- Automatic power regulation
- 105 different memory locations in 7 groups
- Various output configuration of the sockets available
- 10" Touchscreen
- Tiltable display
- Footswitch (optional)
- Available with Argon and / or the RZeal
- Real-time output monitoring

DELIVERY CONTAINS:

- Main Unit
- Mains Cable
- (Footswitch not included)

700-350-400 230V
 700-350-410 110V
 G400 ElectroSurgical Generator

Technical data

Line voltage	110-230 VAC
Power consumption	500W
Generator operation frequency	333kHz
Display	TFT 10"
Defibrillation impulse resistance	acc. to EN 60601-1
NEM system	neutral electrode control optical indication 7 levels required resistance < 240 Ω
Gas type	pure argon 4.8 (99,998%) or higher
Inlet gas pressure	0.25-0.4 [MPa]
Monopolar coagulation / cutting	200W / 400W
Bipolar coagulation / cutting	400W / 400W

Gas outflow	0.1-10 l/min, regulated 0.1 l/min in whole range
Pressure range	reducer (0.4 MPa) on argon cylinder
Vessel sealing system	9 effects/300W
AutoStop	automatic stop of sealing process after achieving the optimal effect
Dimensions	495 x 415 x 225mm (LxWxH)
Weight	12.2kg

Accessories



700-350-405
 2-Button-Footswitch, length: 5m

700-350-402
 3-Button-Footswitch, length: 5m, quick access key



Disposable Neutral Electrode hydrogel, split, for adults or children
 10x5 pcs. per package
 700-503-000 Adults
 700-503-001 Children



Cable for Disposable Neutral Electrode
 5m, RZ compatible only
 700-503-003

ELECTROSURGICAL GENERATOR



700-340-400 230V
 700-340-410 110V
 G44 Electrosurgical Generator

Technical data

Line voltage	110-240 VAC
Power consumption	1100VA
Generator operation frequency	333kHz
Display	TFT 7" WVGA
Spectrum result system	automatic power regulation
Monopolar coagulation	max. 200W (200Ω)
Monopolar cutting	max. 400W (100Ω)
Bipolar coagulation	max. 400W (25Ω)
Bipolar cutting	max. 330W (150Ω)

Features:

- Monopolar/bipolar cutting and coagulation
- Automatic instrument detection system
- Intuitive Touchscreen
- Automatic power regulation
- Configurable working modes
- Real-time parameter control
- Special endoscopic modes
- Bipolar resection
- Easy software update

DELIVERY CONTAINS:

- Main Unit
- Mains Cable
- (Footswitch not included)

NEM system	neutral electrode control, optical indication, required resistance < 240 Ω
Dimensions	385 x 305 x 141mm (LxWxH)
Weight	7kg

Accessories



700-350-405
 2-Button-Footswitch, length: 5m

700-350-402
 3-Button-Footswitch, length: 5m, quick access key



Disposable Neutral Electrode hydrogel, split, for adults or children
 10x5 pcs. per package
 700-503-000 Adults
 700-503-001 Children



Cable for Disposable Neutral Electrode
 5m, RZ compatible only
 700-503-003



300-001-168
Endovue 32" HD Monitor

300-001-158
Endovue 24" HD Monitor

Technical data

Screen size	31.5" / 24" diagonal
Resolution	1920 x 1080
Aspect ratio	16:9
Viewing angle	178°
Numbers of colors	16.7 Million (8-bit)
Video Inputs	DVI-D, RGBS/VGA/YPbPr (HD-15 or DVI-I via adapter), S-Video, Composite
Video Outputs	DVI-D
Weight	8.8kg (300-001-168) 6.7kg (300-001-158)



300-001-232
Radiance 32" HD Monitor

300-010-226
Radiance 27" HD Monitor

Technical data

Screen size	32" / 27" diagonal
Resolution	1920 x 1080
Aspect ratio	16:9
Viewing angle	178°
Numbers of colors	1.07 Billion (10-bit)
Video Inputs	DVI-I and 3G-SDI Input/Output
Video Outputs	DVI-D
Weight	11.0kg (300-001-232) 8.9kg (300-010-226)



300-001-031
UHD 4K Monitor, 31"

Technical data

Screen size	31" diagonal
Resolution	4096 x 2160
Aspect ratio	17:9
Viewing angle	178°
Number of colors	1.08 Billion (10-bit)
Video Inputs	1 x HDMI 2.0 1 x DP 1.2 (SST) & 1 x DP 1.2 (MST) 1 x DVI (single link), 4 x SDI (3G)
Video Outputs	1 x DP 1.2 (SST) 1 x DVI (single link), 4 x SDI (3G)
Weight	10.5kg



300-001-055
UHD 4K Monitor, 55"

Technical data

Screen size	55" diagonal
Resolution	3840 x 2160
Aspect ratio	16:9
Viewing angle	178°
Numbers of colors	1.08 Billion (10-bit)
Video Inputs	1 x HDMI 2.0, 2 x DP 1.2 (55T) 1 x DVI (single link), 2 x DVI (dual link) 4 x SOi (3G), 2 x SOi (12G)
Video Outputs	1 x DVI (single link), 1 x DP 1.2 (SST) 4 x SDI (3G), 2x SDI (12G)
Weight	37.35kg



300-001-028
Monitor Table Stand

Technical data

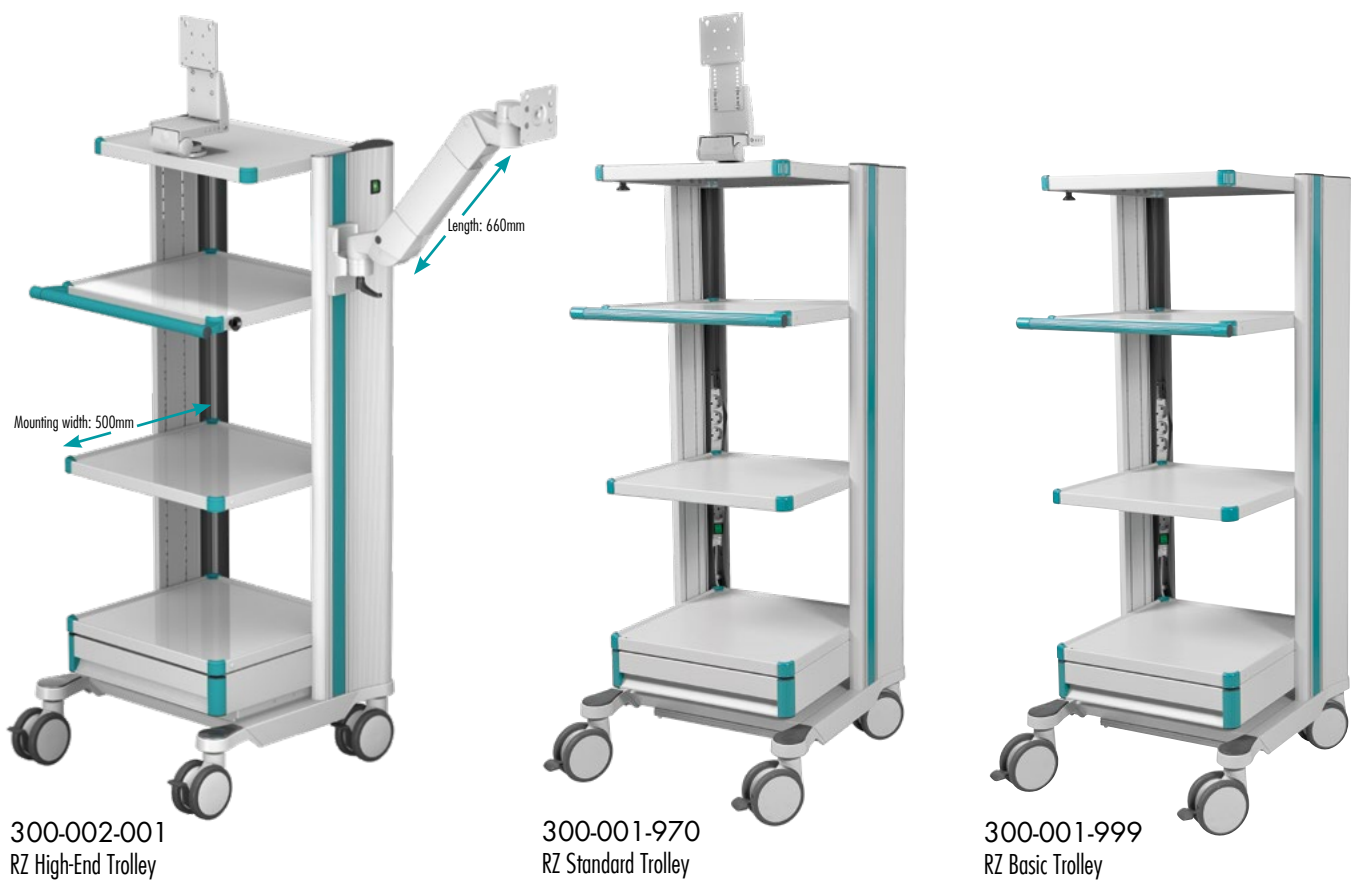
Column height	305mm, 12"
Oriantations	Landscape or page mode
Adjustments	+/- 20°
Max. load	31" / 13.6kg / 30lbs

All monitors will be delivered without table stand - need to be ordered separately.

RZ TROLLEY

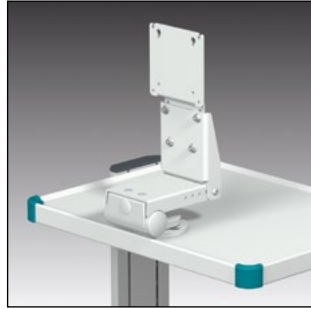
- Optional doors and rear panel in order to protect valuable equipment
- Optional main on/off switch
- Power columns for cables
- Endoscope Holder
- Variable height support arms
- Conductive rolls

DIMENSIONS
1600 x 500 x 625mm
Rollers: Ø 125mm





300-001-988
Hydraulic monitor holding, 660mm



300-001-989
Monitor Shelf with adjustable monitor holding VESA 75/100 up to 14kg



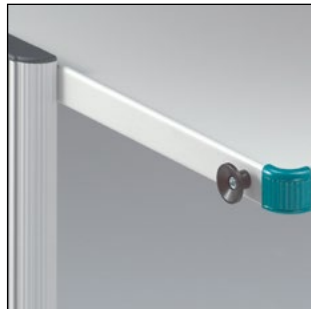
300-001-986
Keyboard Holder



300-001-990
Camera Head Holder with cable suspension



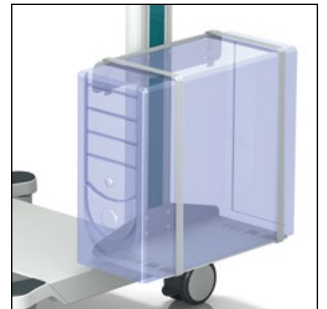
300-001-980 3/5/10 L
300-001-982 20/50 L
CO₂ Bottle Holder



300-001-979
Camera Holder



300-001-978
Cable Holder



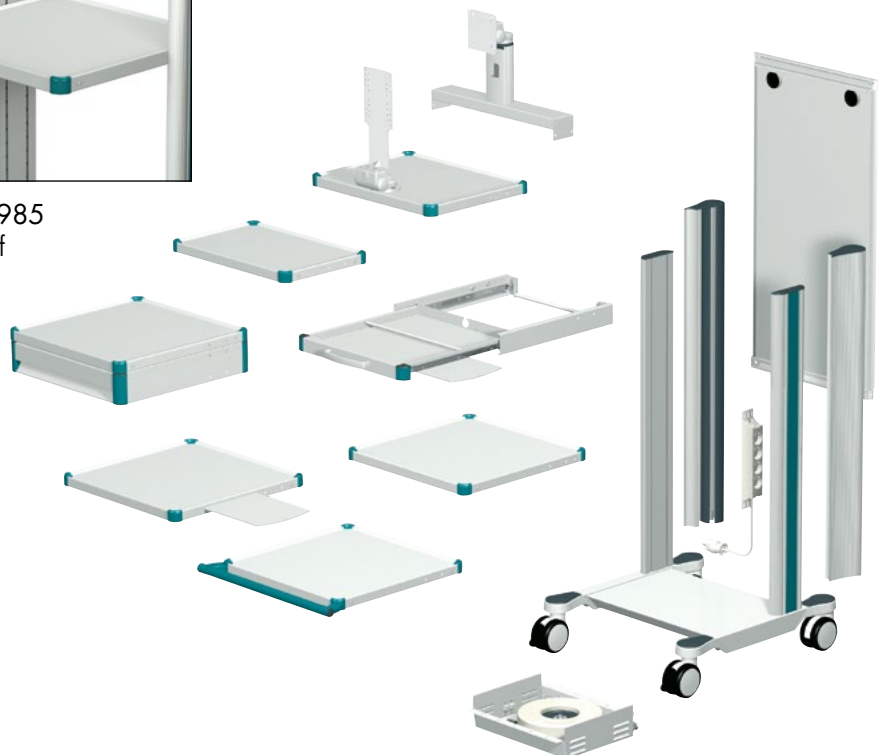
300-001-991
Computer Holder, load capacity max. 20kg



300-001-983
Rear Panel



300-001-985
Additional Shelf



110-110-003	7	250-048-230	6, 177	300-001-979	183
120-511-145	7	250-048-234	177	300-001-980	183
120-611-180	8	250-048-300	177	300-001-982	183
130-140-120	7	250-051-000	177	300-001-983	183
140-254-125	8	250-052-000	177	300-001-985	183
140-573-130	8	250-059-000	177	300-001-986	183
150-050-180	8	300-000-095	155	300-001-988	183
170-801-500	10	300-000-100	169	300-001-989	183
170-801-501	10	300-000-101	169	300-001-990	183
170-801-502	10	300-000-102	169	300-001-991	183
170-801-503	10, 12	300-000-103	169	300-001-999	182
170-801-504	12	300-000-110	169	300-002-001	182
170-801-505	12	300-000-300	168	300-006-305	37
170-801-506	10, 12	300-000-301	168	300-006-455	37
170-801-507	10, 12	300-000-302	168	300-010-226	180
170-801-508	12	300-000-303	168	300-012-106	29
170-801-510	10, 11	300-000-304	168	300-012-116	29
170-801-511	10, 11	300-000-305	168	300-012-121	29
170-801-512	10, 11	300-000-306	168	300-012-405	4, 29, 114
170-801-515	10, 11	300-000-307	168	300-012-410	29
170-802-520	11	300-001-028	181	300-012-412	29
170-802-521	11	300-001-031	181	300-012-415	29
170-802-522	11	300-001-055	181	300-012-416	29
180-550-160	8	300-001-158	180	300-012-420	29
250-015-030	173	300-001-168	180	300-012-421	29
250-015-036	173	300-001-198	174	300-012-425	29
250-020-025	173	300-001-199	174	300-012-455	4, 29
250-020-030	173	300-001-232	180	300-013-115	30
250-025-230	177	300-001-521	169	300-013-500	30
250-025-300	177	300-001-600	172	300-013-510	30
250-035-180	177	300-001-601	172	300-013-511	30
250-035-230	177	300-001-602	172	300-013-512	30
250-035-300	177	300-001-610	170, 171, 172	300-013-522	30
250-037-000	177	300-001-615	170, 171, 172	300-014-111	30
250-037-400	177	300-001-800	171	300-014-113	30
250-038-000	177	300-001-802	171	300-014-155	30
250-039-000	7, 177	300-001-804	171	300-014-711	30
250-039-400	177	300-001-813	173	300-019-500	34
250-040-000	177	300-001-814	173	300-019-501	34, 129, 140
250-041-000	177	300-001-823	173	300-019-600	34
250-042-000	177	300-001-824	173	300-019-601	34, 129, 140
250-042-400	177	300-001-825	173	300-019-700	140
250-044-000	177	300-001-840	170	300-019-705	34
250-045-000	177	300-001-841	170	300-019-710	34
250-048-000	177	300-001-970	182	300-019-735	34, 140
250-048-180	177	300-001-978	183	300-019-770	34, 140

300-019-780	34, 140	300-042-005	86	300-100-125	88
300-019-805	129	300-042-010	86	300-100-127	88
300-019-810	129	300-063-000	83	300-100-131	41
300-020-015	24	300-065-000	83	300-100-132	41
300-020-020	24	300-065-100	83	300-100-133	41
300-020-115	28	300-069-000	5, 84	300-100-134	41
300-020-120	28	300-069-450	84	300-100-400	14
300-020-211	31	300-070-000	84	300-100-430	14
300-020-215	28	300-070-450	84	300-100-687	107
300-020-220	28	300-071-000	85	300-100-688	107
300-020-255	31	300-071-450	85	300-100-689	107
300-020-711	31	300-072-000	84	300-100-691	107
300-020-755	31	300-072-450	84	300-100-692	107
300-020-915	28	300-073-000	84	300-100-693	107
300-020-920	28	300-073-450	84	300-100-694	107
300-021-011	4, 29	300-075-001	84	300-100-695	107
300-021-111	31	300-075-002	84	300-100-696	107
300-021-125	29	300-075-101	84	300-100-697	107, 130
300-021-155	31	300-075-102	84	300-100-698	107, 130
300-021-305	29	300-076-001	85	300-100-699	107
300-021-310	29	300-076-101	85	300-100-702	107
300-021-355	29	300-077-000	85	300-100-703	107
300-021-380	29	300-091-100	6, 15	300-100-760	82
300-021-405	29	300-091-130	15	300-100-771	96, 98
300-021-410	29	300-091-145	15	300-100-772	96, 98, 130
300-021-455	29	300-091-430	15	300-100-773	96, 98
300-021-755	31	300-091-433	15	300-100-774	96, 98
300-023-100	32	300-091-445	15	300-100-776	96
300-023-111	31	300-092-100	16	300-100-777	96
300-023-255	31	300-092-130	6, 16	300-100-778	96
300-023-711	31	300-092-145	16	300-100-779	96
300-023-755	31	300-096-450	16	300-100-786	96, 130
300-024-111	31	300-096-453	16	300-100-789	96, 130
300-024-155	31	300-096-455	16	300-100-798	97
300-024-711	31	300-097-100	16	300-100-799	97
300-024-755	31	300-097-130	16	300-101-588	110
300-025-358	28	300-098-105	32	300-101-589	110
300-025-359	28	300-099-006	17, 88	300-101-592	110
300-030-000	114	300-099-033	83	300-101-593	111
300-030-001	7, 114	300-099-100	83	300-101-594	110
300-030-003	114	300-099-106	17, 88	300-101-596	110
300-030-004	114	300-099-133	83	300-101-599	110
300-030-006	114	300-099-140	83	300-101-775	95, 99
300-032-015	86	300-099-500	17	300-101-777	97
300-033-010	86	300-100-120	88	300-110-711	87
300-042-000	7	300-100-122	88	300-110-714	87

300-110-715	87	300-163-650	43	300-194-418	37
300-111-013	57	300-163-660	43	300-195-080	32, 166
300-111-033	57	300-163-670	43	300-195-100	32, 166
300-111-775	95, 130	300-163-810	40	300-195-120	4, 32, 166
300-112-035	24, 138	300-163-820	40	300-195-150	32, 166
300-135-905	164	300-163-830	40	300-195-170	32, 166
300-135-910	164	300-163-850	40	300-195-200	32, 166
300-144-002	6, 42	300-163-860	40	300-195-300	32, 166
300-144-004	42	300-163-870	40	300-195-320	32, 166
300-144-005	6, 42	300-165-100	35, 141	300-195-350	32, 166
300-144-006	42	300-166-000	38	300-195-370	32, 166
300-145-003	42	300-166-100	7, 35, 141	300-200-131	150
300-145-004	42	300-167-100	35	300-200-132	150
300-145-005	42	300-172-003	35, 141	300-200-133	150
300-145-006	42	300-172-005	35	300-200-134	150
300-151-000	7, 113	300-172-010	35	300-200-137	150
300-151-100	113	300-172-253	141	300-200-231	150
300-152-000	113	300-173-003	35, 141	300-200-232	150
300-152-011	27	300-173-005	7, 35	300-200-233	150
300-152-012	27	300-173-010	7, 35	300-200-234	150
300-152-055	27, 139	300-173-253	141	300-200-237	150
300-153-000	113	300-192-000	36, 142	300-200-400	14
300-154-011	27	300-192-003	36, 142	300-200-430	14
300-154-055	27	300-192-005	36	300-215-000	164
300-154-125	27	300-192-010	36	300-220-011	22
300-155-400	14	300-192-253	142	300-220-013	22
300-155-430	14	300-193-003	36, 142	300-220-055	22, 138
300-163-100	39	300-193-005	36	300-220-111	128
300-163-110	39	300-193-010	36	300-220-113	128
300-163-120	39	300-193-253	142	300-220-155	128
300-163-130	39	300-193-303	142	300-220-211	25
300-163-140	39	300-193-305	37	300-220-213	25
300-163-150	39	300-193-330	82	300-220-255	25
300-163-160	39	300-193-335	7, 37	300-221-011	22
300-163-170	39	300-193-353	142	300-221-013	22
300-163-180	39	300-193-405	37	300-221-055	22, 138
300-163-190	39	300-193-410	37	300-221-211	25
300-163-410	43	300-194-303	142	300-221-213	25
300-163-420	43	300-194-307	37	300-221-255	25
300-163-430	43	300-194-309	37	300-222-011	4, 22
300-163-450	43	300-194-312	37	300-222-013	4, 22
300-163-460	43	300-194-314	7, 37	300-222-055	4, 22, 138
300-163-470	43	300-194-318	37	300-222-211	25
300-163-610	43	300-194-353	142	300-222-213	25
300-163-620	43	300-194-412	37	300-222-255	25
300-163-630	43	300-194-414	37	300-223-011	22

300-223-013	22	300-240-155	129	300-300-142	105
300-223-055	22, 138	300-241-011	4, 26	300-300-160	105
300-224-011	22	300-241-013	4, 26	300-300-161	105
300-224-013	22	300-241-015	26	300-300-170	105
300-224-055	22, 138	300-241-020	26	300-300-171	105
300-226-011	22	300-241-035	26, 139	300-300-172	105
300-226-013	22	300-241-055	4, 26, 139	300-300-200	109
300-226-055	22	300-241-111	129	300-300-201	109
300-230-011	23	300-241-113	129	300-300-230	105
300-230-013	23	300-241-155	129	300-300-231	105
300-230-055	23, 138	300-242-011	26	300-300-240	105
300-230-111	128	300-242-035	26, 139	300-300-241	105
300-230-113	128	300-242-055	26, 139	300-300-242	105
300-230-155	128	300-243-011	27	300-300-260	105
300-231-011	23	300-243-013	27	300-300-261	105
300-231-013	23	300-243-055	27	300-300-270	105
300-231-055	23, 138	300-244-011	27	300-300-271	105
300-232-011	23	300-244-013	27	300-300-272	105
300-232-013	23	300-244-055	27	300-300-330	105, 143
300-232-055	23, 138	300-244-111	129	300-300-340	105, 143
300-233-011	23	300-244-113	129	300-300-341	105, 143
300-233-013	23	300-244-155	129	300-300-360	105, 143
300-233-055	23, 138	300-250-011	28, 31	300-300-370	105, 143
300-233-211	25	300-250-013	28	300-300-371	105, 143
300-233-213	25	300-250-035	28, 139	300-300-430	105, 143
300-233-255	25	300-250-055	28, 31, 139	300-300-440	105, 143
300-234-011	23	300-250-111	28	300-300-441	105, 143
300-234-013	23	300-250-135	28, 139	300-300-460	105, 143
300-234-055	23, 138	300-250-155	139	300-300-470	105, 143
300-234-211	25	300-250-211	28	300-300-471	105, 143
300-234-213	25	300-250-213	28	300-300-500	109
300-234-255	25	300-250-235	28, 139	300-300-501	109
300-236-011	23	300-250-255	28, 139	300-302-000	109
300-236-013	23	300-255-400	14	300-302-001	109
300-236-055	23	300-255-430	14	300-302-100	109
300-236-211	25	300-257-002	150	300-302-101	109
300-236-213	25	300-257-004	150	300-302-200	109
300-236-255	25	300-257-015	150	300-302-201	109
300-240-011	26	300-300-000	109	300-302-501	109
300-240-013	26	300-300-001	109	300-303-000	109
300-240-015	26	300-300-100	109	300-303-001	109
300-240-020	26	300-300-101	109	300-303-100	109
300-240-035	26, 139	300-300-130	105	300-303-101	109
300-240-055	26, 139	300-300-131	105	300-303-200	109
300-240-111	129	300-300-140	4, 105	300-303-201	109
300-240-113	129	300-300-141	4, 105	300-303-500	109

300-303-501	109	300-400-062	78	300-400-252	65
300-330-033	112	300-400-063	78	300-400-263	69
300-330-045	112, 130	300-400-065	77	300-400-264	69
300-332-033	112	300-400-067	48, 74	300-400-266	69
300-332-320	110	300-400-068	75	300-400-280	66
300-334-033	112	300-400-069	74	300-400-284	63
300-400-000	56	300-400-070	75	300-400-285	62
300-400-001	56	300-400-071	75	300-400-286	70
300-400-002	56	300-400-072	75	300-400-287	62
300-400-003	54	300-400-074	67	300-400-288	62
300-400-004	58	300-400-076	70	300-400-289	62
300-400-005	55	300-400-078	65	300-400-291	62
300-400-006	58	300-400-079	65	300-400-295	70
300-400-008	56	300-400-080	64	300-400-310	63
300-400-009	58	300-400-082	64	300-400-311	63
300-400-010	60	300-400-084	66	300-400-312	63
300-400-011	59	300-400-085	67	300-400-313	63
300-400-012	55	300-400-086	64	300-400-314	63
300-400-013	57	300-400-087	53	300-400-330	115
300-400-014	58	300-400-097	67	300-400-521	64
300-400-015	55	300-400-100	64	300-400-570	79
300-400-016	54	300-400-109	53	300-400-571	79
300-400-017	56	300-400-165	77	300-400-572	79
300-400-018	60	300-400-168	74	300-400-610	54
300-400-021	55	300-400-169	75	300-400-700	71
300-400-023	53	300-400-170	76	300-400-710	59
300-400-024	61	300-400-171	76	300-400-713	59
300-400-025	54	300-400-172	74	300-400-715	59
300-400-026	61	300-400-173	77	300-400-717	59
300-400-027	51	300-400-180	76	300-400-720	71
300-400-029	56	300-400-181	76	300-400-730	52
300-400-030	70	300-400-197	67	300-400-731	50
300-400-032	61	300-400-200	72	300-400-732	50
300-400-033	57	300-400-201	58	300-400-733	50
300-400-040	54	300-400-202	72	300-400-734	52
300-400-042	61	300-400-204	73	300-400-735	51
300-400-044	53	300-400-206	72	300-400-736	51
300-400-045	61	300-400-220	73	300-400-737	52
300-400-046	61	300-400-221	73	300-400-738	50
300-400-048	60	300-400-234	66	300-400-739	52
300-400-049	60	300-400-243	68	300-400-740	51
300-400-051	60	300-400-244	68	300-400-741	51
300-400-052	63	300-400-245	68	300-400-751	71
300-400-053	57	300-400-246	68	300-400-753	71
300-400-056	77	300-400-250	65	300-400-775	95
300-400-060	78	300-400-251	53	300-400-781	71

300-400-900	47	300-405-131	101	300-410-171	76
300-400-901	47	300-405-140	101	300-410-172	74
300-401-001	132	300-405-141	101	300-410-173	77
300-401-013	132	300-405-142	101	300-410-180	76
300-401-015	132	300-405-330	103	300-410-181	76
300-401-017	132	300-405-340	103	300-410-251	53
300-401-025	131	300-405-341	103	300-410-521	64
300-401-067	135	300-406-130	101	300-410-570	79
300-401-070	135	300-406-131	101	300-410-571	79
300-401-072	135	300-406-140	101	300-410-572	79
300-401-078	134	300-406-141	101	300-410-730	52
300-401-079	134	300-406-142	101	300-410-731	50
300-401-082	134	300-410-003	54	300-410-732	50
300-401-085	135	300-410-016	54	300-410-733	50
300-401-201	133	300-410-023	53	300-410-734	52
300-401-289	133	300-410-024	61	300-410-735	51
300-401-291	133	300-410-025	54	300-410-736	51
300-401-710	133	300-410-026	61	300-410-737	52
300-401-713	59	300-410-027	51	300-410-738	50
300-401-730	131	300-410-032	61	300-410-739	52
300-401-732	131	300-410-040	54	300-410-740	51
300-401-738	131	300-410-042	61	300-410-741	51
300-401-739	131	300-410-044	53	300-410-775	95, 99
300-401-775	95	300-410-045	61	300-411-025	131
300-403-015	147	300-410-046	61	300-411-067	135
300-403-060	147	300-410-056	77	300-411-070	135
300-403-069	147	300-410-060	78	300-411-072	135
300-403-082	147	300-410-062	78	300-411-082	134
300-403-244	147	300-410-063	78	300-411-730	131
300-403-284	147	300-410-064	77	300-411-732	131
300-403-289	147	300-410-067	48, 74	300-411-738	131
300-403-732	147	300-410-068	75	300-411-739	131
300-403-738	147	300-410-069	74	300-411-775	95
300-404-015	147	300-410-070	75	300-420-003	54
300-404-060	147	300-410-071	75	300-420-016	54
300-404-069	147	300-410-072	75	300-420-023	53
300-404-082	147	300-410-080	64	300-420-024	61
300-404-244	147	300-410-082	64	300-420-025	54
300-404-284	147	300-410-086	64	300-420-026	61
300-404-289	147	300-410-087	53	300-420-027	51
300-404-330	103	300-410-100	64	300-420-032	61
300-404-340	103	300-410-109	53	300-420-040	54
300-404-341	103	300-410-165	77	300-420-042	61
300-404-732	147	300-410-168	74	300-420-044	53
300-404-738	147	300-410-169	75	300-420-045	61
300-405-130	101	300-410-170	76	300-420-046	61

300-420-056	77	300-421-082	134	300-430-252	65
300-420-060	5, 78	300-421-730	131	300-430-263	69
300-420-062	78	300-421-732	131	300-430-264	69
300-420-063	78	300-421-738	131	300-430-266	69
300-420-064	77	300-421-739	131	300-430-280	66
300-420-065	164	300-430-000	56	300-430-284	63
300-420-067	5, 48, 74	300-430-001	56	300-430-285	62
300-420-068	75	300-430-002	56	300-430-286	70
300-420-069	74	300-430-004	58	300-430-287	62
300-420-070	75	300-430-005	55	300-430-288	62
300-420-071	75	300-430-006	58	300-430-289	62
300-420-072	75	300-430-008	56	300-430-291	62
300-420-080	64	300-430-009	58	300-430-295	70
300-420-082	64	300-430-010	60	300-430-310	63
300-420-086	64	300-430-011	59	300-430-311	63
300-420-087	53	300-430-012	55	300-430-312	63
300-420-100	64	300-430-013	57	300-430-313	63
300-420-109	53	300-430-014	58	300-430-314	63
300-420-165	77	300-430-015	55	300-430-610	54
300-420-168	74	300-430-017	56	300-430-700	71
300-420-169	75	300-430-018	60	300-430-710	59
300-420-170	76	300-430-021	55	300-430-713	59
300-420-171	76	300-430-025	54	300-430-715	59
300-420-172	74	300-430-029	56	300-430-717	59
300-420-173	77	300-430-030	70	300-430-720	71
300-420-180	76	300-430-033	57	300-430-751	71
300-420-181	76	300-430-048	60	300-430-753	71
300-420-251	53	300-430-049	60	300-430-781	71
300-420-521	64	300-430-051	60	300-431-001	132
300-420-570	79	300-430-052	63	300-431-013	132
300-420-571	79	300-430-053	57	300-431-015	132
300-420-572	79	300-430-074	67	300-431-017	132
300-420-730	52	300-430-076	70	300-431-070	135
300-420-731	50	300-430-078	65	300-431-072	135
300-420-732	5, 50	300-430-079	65	300-431-078	134
300-420-733	50	300-430-084	66	300-431-079	134
300-420-734	52	300-430-085	67	300-431-085	135
300-420-735	5, 51	300-430-097	67	300-431-201	133
300-420-736	51	300-430-197	67	300-431-289	133
300-420-737	52	300-430-201	58	300-431-291	133
300-420-738	50	300-430-234	66	300-431-710	133
300-420-739	52	300-430-243	68	300-431-713	59
300-420-740	51	300-430-244	68	300-440-000	56
300-420-741	51	300-430-245	68	300-440-001	56
300-421-025	131	300-430-246	68	300-440-002	56
300-421-067	135	300-430-250	65	300-440-004	58

300-440-005	55	300-440-288	62	300-460-006	58
300-440-006	58	300-440-289	62	300-460-008	56
300-440-008	56	300-440-291	62	300-460-009	58
300-440-009	58	300-440-295	70	300-460-010	60
300-440-010	60	300-440-310	63	300-460-011	5, 59
300-440-011	59	300-440-311	63	300-460-013	57
300-440-012	55	300-440-312	63	300-460-014	58
300-440-013	57	300-440-313	63	300-460-017	5, 56
300-440-014	58	300-440-314	63	300-460-018	60
300-440-015	55	300-440-610	54	300-460-029	56
300-440-017	56	300-440-700	71	300-460-030	70
300-440-018	60	300-440-710	59	300-460-033	57
300-440-021	55	300-440-713	59	300-460-048	60
300-440-025	54	300-440-715	59	300-460-049	60
300-440-029	56	300-440-717	59	300-460-051	60
300-440-030	70	300-440-720	71	300-460-053	57
300-440-033	57	300-440-751	71	300-460-076	70
300-440-048	60	300-440-753	71	300-460-201	58
300-440-049	60	300-440-781	71	300-460-243	68
300-440-051	60	300-441-001	132	300-460-244	68
300-440-052	63	300-441-013	132	300-460-245	68
300-440-053	57	300-441-015	132	300-460-246	68
300-440-074	67	300-441-017	132	300-460-263	69
300-440-076	70	300-441-078	134	300-460-264	69
300-440-078	65	300-441-079	134	300-460-266	69
300-440-079	65	300-441-085	135	300-460-286	70
300-440-084	66	300-441-201	133	300-460-295	70
300-440-085	67	300-441-289	133	300-460-700	71
300-440-097	67	300-441-291	133	300-460-710	59
300-440-197	67	300-441-710	133	300-460-713	59
300-440-201	58	300-441-713	59	300-460-715	59
300-440-234	66	300-450-005	80	300-460-717	59
300-440-243	68	300-450-006	80	300-460-720	71
300-440-244	68	300-450-049	81	300-460-751	71
300-440-245	68	300-450-171	81	300-460-753	71
300-440-246	68	300-450-173	81	300-460-781	71
300-440-250	65	300-450-174	81	300-461-713	59
300-440-252	65	300-450-176	81	300-470-052	63
300-440-263	69	300-450-177	81	300-470-074	67
300-440-264	69	300-450-289	81	300-470-078	65
300-440-266	69	300-450-300	80	300-470-079	65
300-440-280	66	300-450-731	81	300-470-084	66
300-440-284	63	300-460-000	56	300-470-085	67
300-440-285	62	300-460-001	5, 56	300-470-097	67
300-440-286	70	300-460-002	56	300-470-197	67
300-440-287	62	300-460-004	58	300-470-234	66

300-470-250	65	300-480-540	103	300-505-069	144
300-470-252	65	300-480-541	103	300-505-080	144
300-470-280	66	300-480-560	103	300-505-082	144
300-470-284	63	300-480-570	103	300-505-570	144
300-470-285	62	300-480-571	103	300-505-710	145
300-470-287	62	300-480-630	101	300-505-731	145
300-470-288	62	300-480-631	101	300-550-005	47
300-470-289	5, 62	300-480-640	101	300-550-010	47
300-470-291	62	300-480-641	101	300-550-035	146
300-470-310	63	300-480-642	101	300-550-105	47
300-470-311	63	300-480-730	101	300-560-535	118
300-470-312	63	300-480-731	101	300-560-546	118
300-470-313	63	300-480-740	101	300-601-731	140
300-470-314	63	300-480-741	101	300-660-005	47, 115
300-480-000	102	300-480-742	101	300-660-010	47
300-480-001	102	300-490-200	72	300-660-015	76
300-480-002	102	300-490-202	72	300-660-035	146
300-480-033	102	300-490-204	73	300-660-105	47
300-480-045	102	300-490-206	72	300-660-110	47
300-480-130	101	300-490-220	73	300-661-004	47
300-480-131	101	300-490-221	73	300-661-005	47
300-480-140	101	300-501-730	140	300-661-006	47
300-480-141	101	300-503-000	145	300-661-007	47
300-480-142	101	300-503-015	145	300-661-008	47
300-480-160	101	300-503-016	145	300-661-009	47
300-480-161	101	300-503-021	145	300-661-010	47
300-480-170	101	300-503-025	145	300-700-400	15
300-480-171	101	300-503-052	145	300-700-430	15
300-480-172	101	300-503-060	144	300-750-001	46, 50, 51, 52, 53, 54, 64, 74, 75, 76, 77, 78, 79, 131, 134, 135
300-480-230	101	300-503-063	144	300-750-003	46, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 65, 66, 67, 68, 69, 70, 71, 132, 133, 134, 135
300-480-231	101	300-503-067	144	300-750-015	46, 72, 73
300-480-240	101	300-503-069	144	300-750-101	46, 50, 51, 52, 53, 54, 64, 74, 75, 76, 77, 78, 79, 115, 131, 134, 135, 146
300-480-241	101	300-503-080	144	300-750-103	46, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 65, 66, 67, 68, 69, 70, 71, 132, 133, 134, 135, 146
300-480-242	101	300-503-082	144	300-750-105	46, 56, 57, 58, 59, 60, 62, 63, 65, 66, 67, 68, 69, 70, 71, 115
300-480-260	101	300-503-570	144	300-750-106	46
300-480-261	101	300-503-710	145	300-750-115	46
300-480-270	101	300-503-731	145	300-750-215	46
300-480-271	101	300-505-000	145	300-750-315	46
300-480-272	101	300-505-015	145		
300-480-330	103	300-505-016	145		
300-480-340	103	300-505-021	145		
300-480-341	103	300-505-025	145		
300-480-360	103	300-505-052	145		
300-480-370	103	300-505-060	144		
300-480-371	103	300-505-063	144		
300-480-530	103	300-505-067	144		

300-755-400	15	300-810-501	90	300-830-552	92
300-755-430	15	300-810-502	90	300-830-556	94
300-760-005	47	300-810-504	90	300-855-001	122
300-760-010	47	300-810-506	90	300-855-002	122
300-760-105	47	300-810-511	91	300-855-003	122
300-760-110	47	300-810-512	91	300-855-006	122
300-800-001	90	300-810-514	91	300-855-007	122
300-800-002	90	300-810-516	91	300-855-010	122
300-800-004	90	300-820-013	93	300-855-011	122
300-800-006	90	300-820-014	93	300-855-013	122
300-800-011	91	300-820-015	94	300-855-015	122
300-800-012	91	300-820-051	93	300-855-017	122
300-800-014	91	300-820-052	93	300-855-018	122
300-800-016	91	300-820-056	94	300-855-019	122
300-800-401	90	300-820-413	93	300-855-020	122
300-800-402	90	300-820-414	93	300-855-021	122
300-800-404	90	300-820-415	94	300-855-022	122
300-800-406	90	300-820-451	93	300-855-023	122
300-800-411	91	300-820-452	93	300-855-025	122
300-800-412	91	300-820-456	94	300-855-027	122
300-800-414	91	300-830-005	92, 94	300-855-028	122
300-800-416	91	300-830-010	90, 91, 92, 94, 95	300-855-029	122
300-810-001	90	300-830-013	92	300-855-034	122
300-810-002	90	300-830-014	92	300-855-045	122
300-810-004	90	300-830-015	94	300-855-051	122
300-810-006	90	300-830-051	92	300-855-052	122
300-810-011	91	300-830-052	92	300-855-060	122
300-810-012	91	300-830-056	94	300-855-061	122
300-810-014	91	300-830-113	92	300-855-063	122
300-810-016	91	300-830-114	92	300-855-065	122
300-810-101	90	300-830-115	94	300-855-067	122
300-810-102	90	300-830-151	92	300-855-069	122
300-810-104	90	300-830-152	92	300-855-100	122
300-810-106	90	300-830-156	94	300-855-101	122
300-810-111	91	300-830-405	92, 94	300-855-102	122
300-810-112	91	300-830-410	90, 91, 92, 94, 95	300-855-103	122
300-810-114	91	300-830-413	92	300-855-105	122
300-810-116	91	300-830-414	92	300-855-120	122
300-810-401	90	300-830-415	94	300-855-134	122
300-810-402	90	300-830-451	92	300-855-145	122
300-810-404	90	300-830-452	92	300-855-400	122
300-810-406	90	300-830-456	94	300-855-401	122
300-810-411	91	300-830-513	92	300-857-100	123, 149
300-810-412	91	300-830-514	92	300-857-111	123, 149
300-810-414	91	300-830-515	94	300-857-112	123, 149
300-810-416	91	300-830-551	92	300-857-205	123, 149

300-857-301	123, 149	300-867-520	121, 148	600-255-605	159
300-857-302	123, 149	300-867-529	121, 148	600-279-101	162
300-857-303	123, 149	300-867-620	121, 148	600-279-102	162
300-860-009	119, 120	300-867-720	121, 148	600-279-103	162
300-860-011	119	300-867-729	121, 148	600-279-104	162
300-860-012	119	300-867-929	121, 148	600-279-105	162
300-860-013	6, 119	300-900-020	166	600-279-106	162
300-860-014	119	300-900-021	166	600-279-131	162
300-860-015	119	300-900-030	166	600-279-132	162
300-860-016	119	300-900-031	166	600-279-133	162
300-860-018	6, 119	300-900-040	166	600-279-134	162
300-860-019	6, 119	300-900-041	166	600-279-135	162
300-860-021	119, 136	300-900-180	176	600-279-136	162
300-860-023	119, 136	300-900-300	175	600-279-151	162
300-860-024	119, 136	300-900-902	3	600-279-152	162
300-860-025	119, 136	300-902-001	166, 167	600-279-153	162
300-860-026	119	300-902-003	166, 167	600-279-154	162
300-860-028	119, 136	300-902-004	166, 167	600-279-155	162
300-860-029	119, 136	300-902-005	166, 167	600-279-156	162
300-860-032	120	300-902-006	166, 167	600-279-201	162
300-860-033	120	300-902-007	166, 167	600-279-202	162
300-860-035	120	300-902-008	167	600-279-203	162
300-860-037	120	350-400-250	86	600-279-204	162
300-860-040	120	350-660-100	86	600-279-205	162
300-860-061	119	350-660-111	86	600-279-206	162
300-860-063	119	350-660-112	86	600-279-261	162
300-860-065	119	350-660-113	86	600-279-262	162
300-860-068	119	350-660-114	86	600-279-263	162
300-860-069	119	350-660-115	86	600-279-264	162
300-860-100	124	350-660-116	86	600-279-265	162
300-860-111	124	350-750-000	86	600-279-266	162
300-860-125	118	350-750-001	86	600-280-101	162
300-860-134	6, 118	350-750-002	86	600-280-102	162
300-860-140	118	350-755-007	87	600-280-103	162
300-860-141	118	350-755-011	87	600-280-104	162
300-860-142	118	350-755-017	87	600-280-105	162
300-860-143	118	600-050-000	164	600-280-106	162
300-860-145	118, 136	600-100-000	164	600-280-131	162
300-860-147	118	600-255-500	159	600-280-132	162
300-860-250	118	600-255-530	159	600-280-133	162
300-860-500	118	600-255-535	159	600-280-134	162
300-860-534	118	600-255-550	159	600-280-135	162
300-860-545	118	600-255-555	159	600-280-136	162
300-867-100	121, 148	600-255-565	159	600-280-151	162
300-867-120	121, 148	600-255-575	159	600-280-152	162
300-867-129	121, 148	600-255-600	159	600-280-153	162

600-280-154	162	600-469-135	161	600-540-550	5, 156
600-280-155	162	600-469-136	161	600-540-555	8, 156
600-280-156	162	600-469-151	161	600-540-570	156
600-280-201	162	600-469-152	161	600-540-575	156
600-280-202	162	600-469-153	161	600-540-600	156
600-280-203	162	600-469-154	161	600-540-605	156
600-280-204	162	600-469-155	161	600-579-101	160
600-280-205	162	600-469-156	161	600-579-102	160
600-280-206	162	600-470-101	161	600-579-103	160
600-280-261	162	600-470-102	161	600-579-104	160
600-280-262	162	600-470-103	161	600-579-105	160
600-280-263	162	600-470-104	161	600-579-106	160
600-280-264	162	600-470-105	161	600-579-131	160
600-280-265	162	600-470-106	161	600-579-132	160
600-280-266	162	600-470-131	161	600-579-133	160
600-281-001	159	600-470-132	161	600-579-134	160
600-281-002	158	600-470-133	161	600-579-135	160
600-281-003	8, 157	600-470-134	161	600-579-136	160
600-281-004	156	600-470-135	161	600-579-151	160
600-290-630	163	600-470-136	161	600-579-152	160
600-292-052	154	600-470-151	161	600-579-153	160
600-380-100	163	600-470-152	161	600-579-154	160
600-405-500	158	600-470-153	161	600-579-155	160
600-405-530	158	600-470-154	161	600-579-156	160
600-405-535	158	600-470-155	161	600-579-201	160
600-405-550	158	600-470-156	161	600-579-202	160
600-405-555	158	600-485-500	157	600-579-203	160
600-405-570	158	600-485-530	157	600-579-204	160
600-405-575	158	600-485-535	157	600-579-205	160
600-405-600	158	600-485-550	157	600-579-206	160
600-405-605	158	600-485-555	157	600-579-261	160
600-450-070	154	600-485-570	157	600-579-262	160
600-460-055	154	600-485-575	157	600-579-263	160
600-460-056	8, 154	600-485-600	157	600-579-264	160
600-462-052	154	600-485-605	157	600-579-265	160
600-464-229	153	600-501-000	152	600-579-266	160
600-469-101	161	600-501-002	152	600-580-101	160
600-469-102	161	600-505-000	152	600-580-102	160
600-469-103	161	600-505-002	152	600-580-103	160
600-469-104	161	600-506-002	152	600-580-104	160
600-469-105	161	600-508-000	153	600-580-105	160
600-469-106	161	600-511-000	153	600-580-106	160
600-469-131	161	600-513-003	5, 155	600-580-131	160
600-469-132	161	600-540-500	156	600-580-132	160
600-469-133	161	600-540-530	156	600-580-133	160
600-469-134	161	600-540-535	8, 156	600-580-134	160

600-580-135	160	600-900-160	163	700-200-552	125
600-580-136	160	600-900-161	163	700-280-030	44
600-580-151	160	600-900-210	163	700-280-050	44
600-580-152	160	600-908-000	163	700-285-030	44
600-580-153	160	600-908-100	163	700-285-050	44
600-580-154	160	600-909-000	163	700-286-030	44
600-580-155	160	600-950-100	164	700-286-050	44
600-580-156	160	700-100-101	124	700-286-130	44
600-580-201	160	700-100-102	124	700-286-230	44
600-580-202	160	700-100-103	124	700-287-030	124
600-580-203	160	700-100-104	125	700-287-050	124
600-580-204	160	700-100-105	125	700-287-130	124
600-580-205	5, 8, 160	700-100-130	124	700-287-150	124
600-580-206	160	700-100-150	124	700-287-230	125
600-580-261	160	700-100-202	125	700-287-250	125
600-580-262	160	700-100-302	125	700-290-030	44
600-580-263	160	700-100-303	125	700-290-050	44
600-580-264	160	700-100-305	125	700-291-030	44
600-580-265	160	700-100-402	125	700-291-050	44
600-580-266	160	700-100-405	125	700-292-030	44
600-900-040	163	700-100-502	125	700-293-033	44
600-900-041	163	700-100-505	125	700-293-035	44
600-900-050	163	700-101-001	124	700-300-003	124
600-900-051	163	700-101-030	44	700-300-005	124
600-900-060	163	700-101-050	44	700-300-203	124
600-900-061	163	700-101-130	124	700-300-205	124
600-900-070	163	700-101-150	124	700-300-403	125
600-900-071	163	700-101-230	125	700-300-405	125
600-900-080	163	700-101-250	125	700-300-503	125
600-900-081	163	700-102-030	44	700-300-505	125
600-900-090	163	700-103-030	44	700-300-603	125
600-900-091	163	700-103-050	44	700-300-703	125
600-900-100	163	700-104-050	44	700-300-705	125
600-900-101	163	700-200-030	125	700-300-805	125
600-900-108	163	700-200-050	125	700-340-400	179
600-900-109	163	700-200-130	124	700-340-410	179
600-900-110	163	700-200-132	124	700-345-003	125
600-900-111	163	700-200-150	124	700-345-005	125
600-900-120	163	700-200-152	124	700-345-403	125
600-900-121	163	700-200-232	125	700-345-405	125
600-900-130	163	700-200-252	125	700-350-030	124
600-900-131	163	700-200-332	125	700-350-050	124
600-900-140	163	700-200-352	125	700-350-130	124
600-900-141	163	700-200-432	125	700-350-150	124
600-900-150	163	700-200-452	125	700-350-400	178
600-900-151	163	700-200-532	125	700-350-402	178, 179

700-350-405	178, 179	700-503-000	178, 179
700-350-410	178	700-503-001	178, 179
700-351-030	124	700-503-003	178, 179
700-351-031	124	700-630-003	125
700-351-047	125	700-736-003	125
700-351-048	125	700-736-005	125
700-351-050	124	700-739-003	125
700-351-051	124	700-739-005	125
700-351-053	125	700-900-160	164
700-351-055	125	700-900-220	164
700-351-131	6, 124	700-900-250	164
700-351-151	124		
700-351-231	125		
700-351-251	125		
700-360-031	6, 44		
700-360-051	44		
700-361-030	44		
700-361-050	44		
700-362-030	44		
700-362-050	44		
700-363-030	44		
700-363-050	44		
700-364-030	44		
700-370-030	44		
700-370-050	44		
700-390-030	125		
700-390-050	125		
700-400-003	124		
700-400-030	124		
700-400-050	124		
700-400-055	124		
700-400-103	124		
700-400-105	124		
700-400-130	124		
700-400-203	124		
700-400-205	125		
700-400-303	125		
700-400-403	125		
700-400-503	125		
700-400-603	125		
700-500-300	124		
700-500-500	124		
700-501-300	44		
700-501-303	44		
700-501-500	44		
700-501-503	44		

