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CONFIGURATIONS by RZ

Recommended configuration indicates a non-binding product combination recommendation for guidance only and is not intended to be understood as a system or procedure pack under the (EU) 2017/745.

Products marked with this symbol are not available with RZ-marking, and not the CE sign/CE number of RZ.

RZ-Topseller products

All products marked with this green star are available on stock.

CONFIGURATIONS by RZ

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

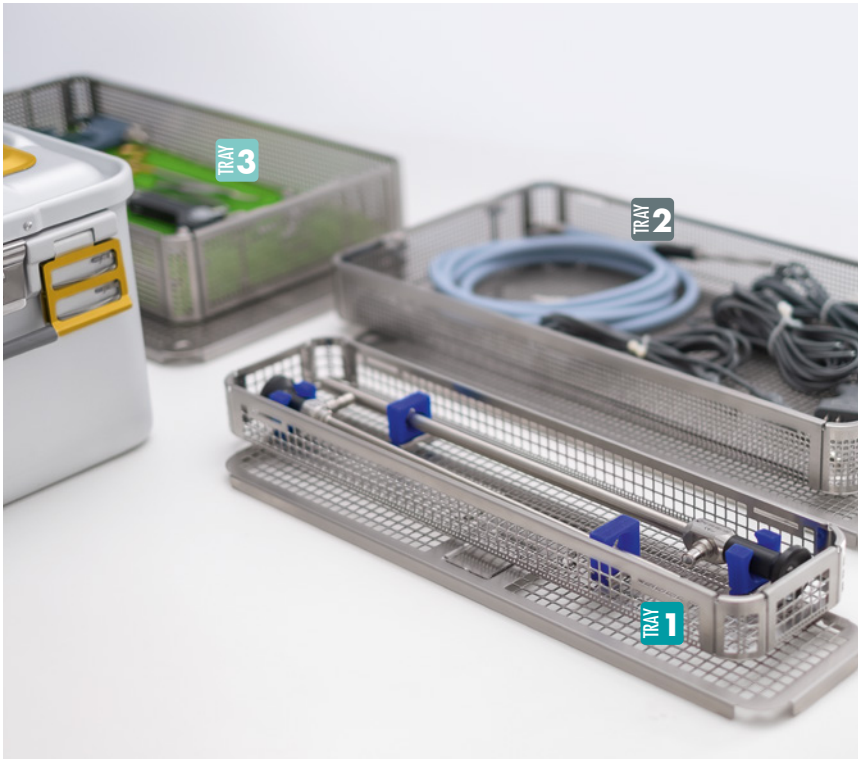
Grasping and Dissecting Forceps, Needle Holders, Scissors, Trocars and other specialities makes the first Container fully equipped with the instruments you need.
Open the tray and start working without missing your favorite instrument.



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

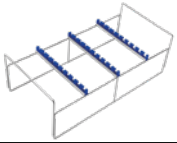
CONTAINER SET #2

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.

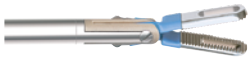


CONTAINER SET #1

	Reducer Sleeve ∅ 10 - 5mm, 190mm	300-012-455	1 pc.
	Reducer Sleeve ∅ 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, ∅ 2mm, 120mm chrome, matt	300-195-120	1 pc.
	Multiport Multifunctional Trocar System ∅ 11mm, 105mm working length blue metal trocar sleeve, smooth, oblique	300-222-011	2 pcs.
	Multiport Multifunctional Trocar System ∅ 13mm, 102mm working length green metal trocar sleeve, smooth, oblique	300-222-013	1 pc.
	Multiport Multifunctional Trocar System ∅ 5.5mm, 103mm working length white metal trocar sleeve, smooth, oblique	300-222-055	3 pcs.
	Trocar, ∅ 11mm, pyramidal tip for 300-22X-011 & 300-23X-011	300-241-011	1 pc.
	Trocar, ∅ 13mm, triangular, for 300-22X-013 & 300-23X-013	300-241-013	1 pc.
	Trocar, ∅ 5.5mm, triangular, for 300-22X-055 & 300-23X-055	300-241-055	1 pc.
	Dick III Lightweight Needle Holder, TC, ∅ 5mm, straight handle, 330mm working length, left curved jaw	300-300-140	1 pc.
	Dick III Lightweight Needle Holder, TC, ∅ 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 485 x 235 x 160mm	600-513-003	1 pc.
	* complete MIC Instrument, consists of insert, handle and shaft		

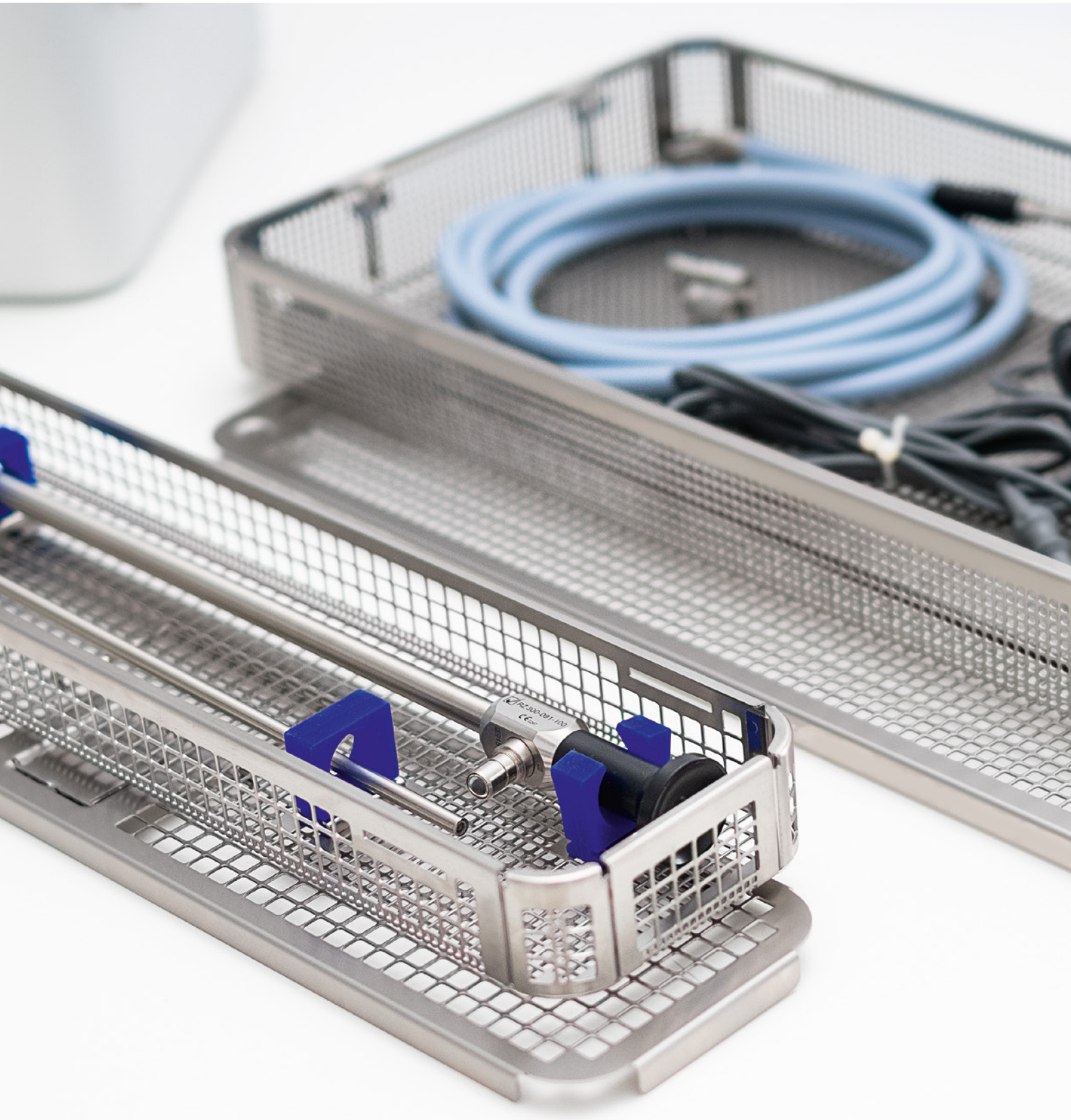
CONTAINER SET #2

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

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

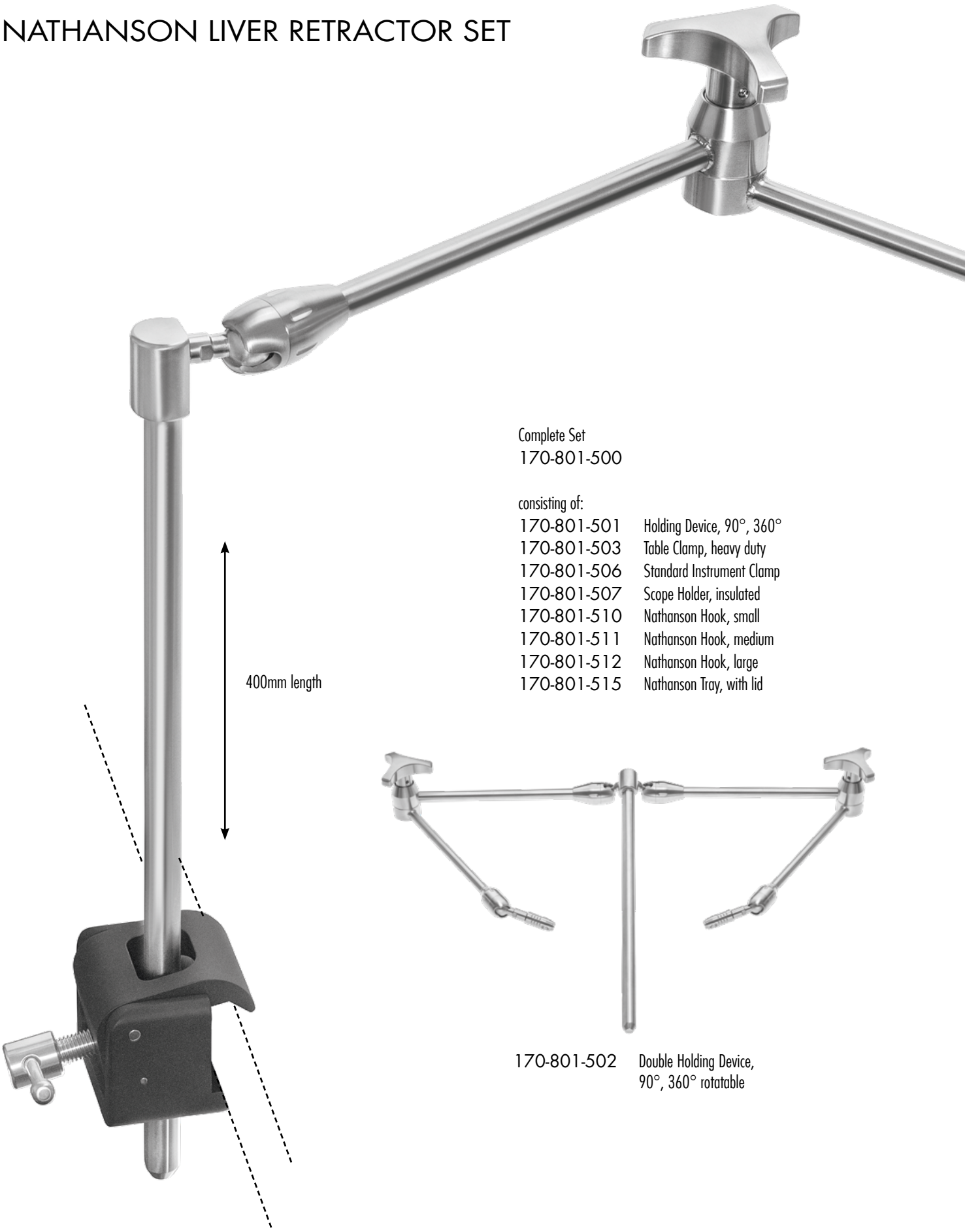
CONTAINER SET #2

	TRAY 3 Halsted-Mosquito Hemostatic Forceps, straight, 125mm	140-254-125	2 pcs.
	TRAY 3 TC Ligature Scissors, curved, serrated, 180mm	120-611-180	1 pc.
	TRAY 3 Backhaus Towel Forceps, 130mm	140-573-130	4 pcs.
	TRAY 3 Foerster Swab Forceps, straight, smooth jaw, 180mm	150-050-180	2 pcs.
	TRAY 3 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.
	TRAY 2 1/1 Stainless Steel Tray, perforated, 540 x 254 x 35mm	600-540-535	1 pc.
	TRAY 3 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 1 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

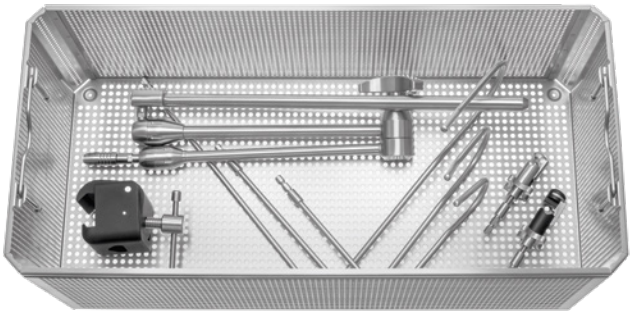


Complete Set
170-801-500

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

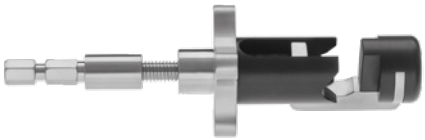
Hook, ∅ 6.5mm
170-801-510 Small
170-801-511 Medium
170-801-512 Large

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





170-801-503 Table Clamp, heavy duty

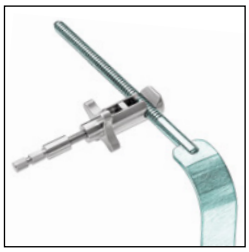


170-801-507 Scope Holder, insulated





170-801-506 Standard Instrument Clamp



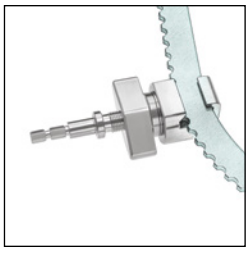


170-801-504 Universal Retractor Holder





170-801-505 Frame Clamp for Retractor Frames

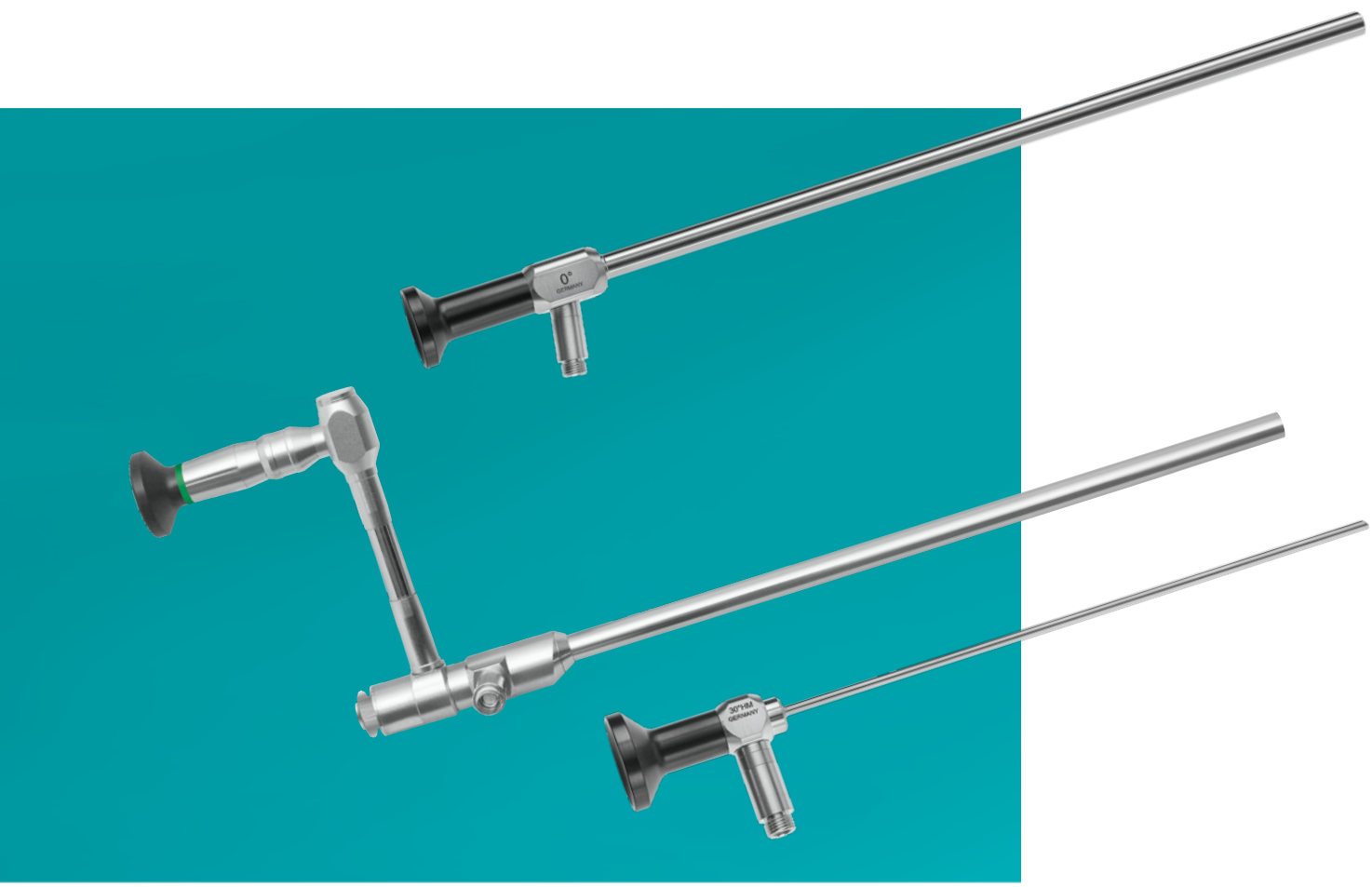




170-801-508 Ratchet mechanism



LAPAROSCOPES

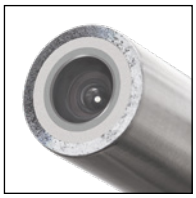


4K LAPAROSCOPES

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

4K

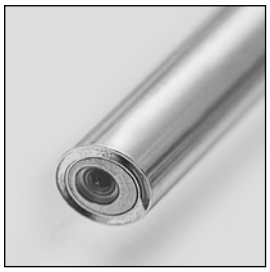






Ø 10 mm





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.



Ø 10 mm

0° DIRECTION OF VIEW

330mm working length 407mm overall length	300-700-400

30° DIRECTION OF VIEW

330mm working length 407mm overall length	300-700-430

Ø 5.5mm

0° DIRECTION OF VIEW

300mm working length 359mm overall length	300-755-400

30° DIRECTION OF VIEW

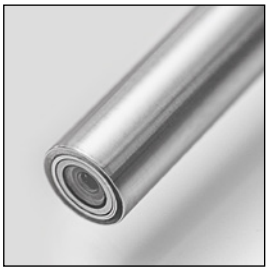
300mm working length 359mm overall length	300-755-430

FULL HD LAPAROSCOPES

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

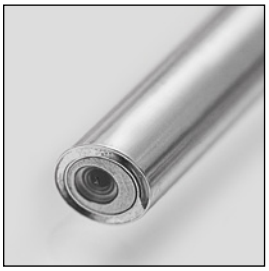


Ø 10 mm



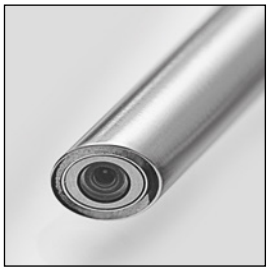
0° DIRECTION OF VIEW

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

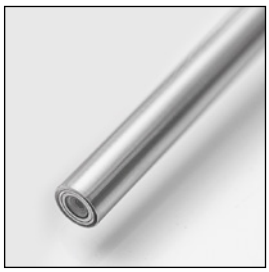
330mm working length 405mm overall length	300-091-145
450mm working length 532mm overall length	300-091-445

FULL HD LAPAROSCOPES

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

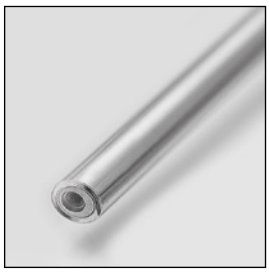


Ø 5.5mm



0° DIRECTION OF VIEW

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



30° DIRECTION OF VIEW

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

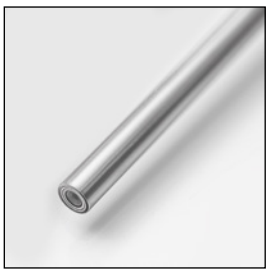


45° DIRECTION OF VIEW

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

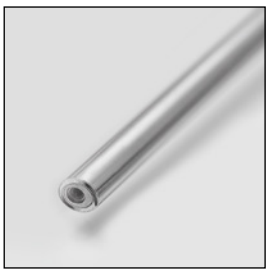


Ø 2.9 mm



0° DIRECTION OF VIEW

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



30° DIRECTION OF VIEW

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

FULL HD OPERATING LAPAROSCOPES

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



Ø
10 mm

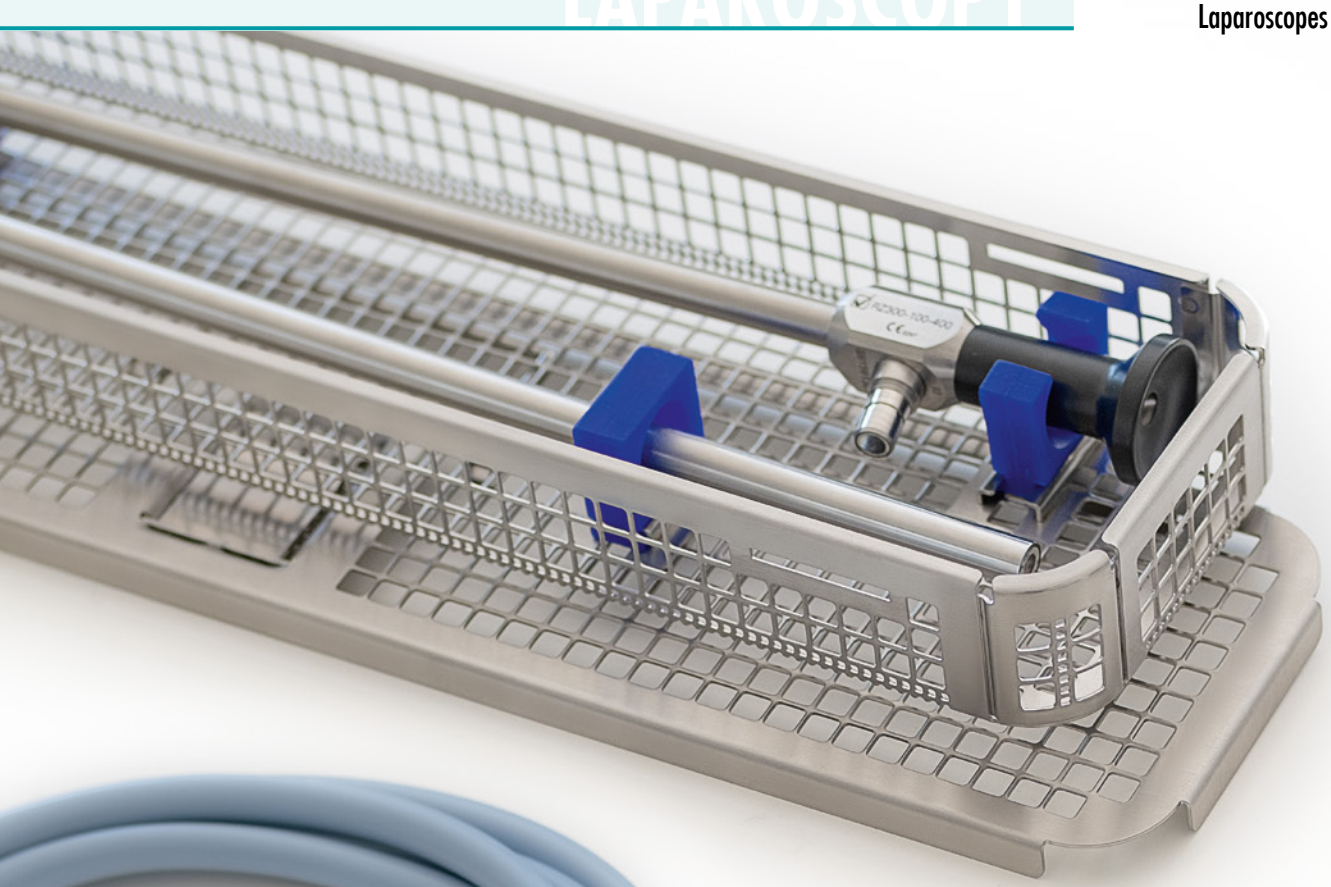


0° DIRECTION OF VIEW

Parallel eye piece 270mm length	300-099-006



Stopcock with 6mm instrument channel for 300-099-006	300-099-500

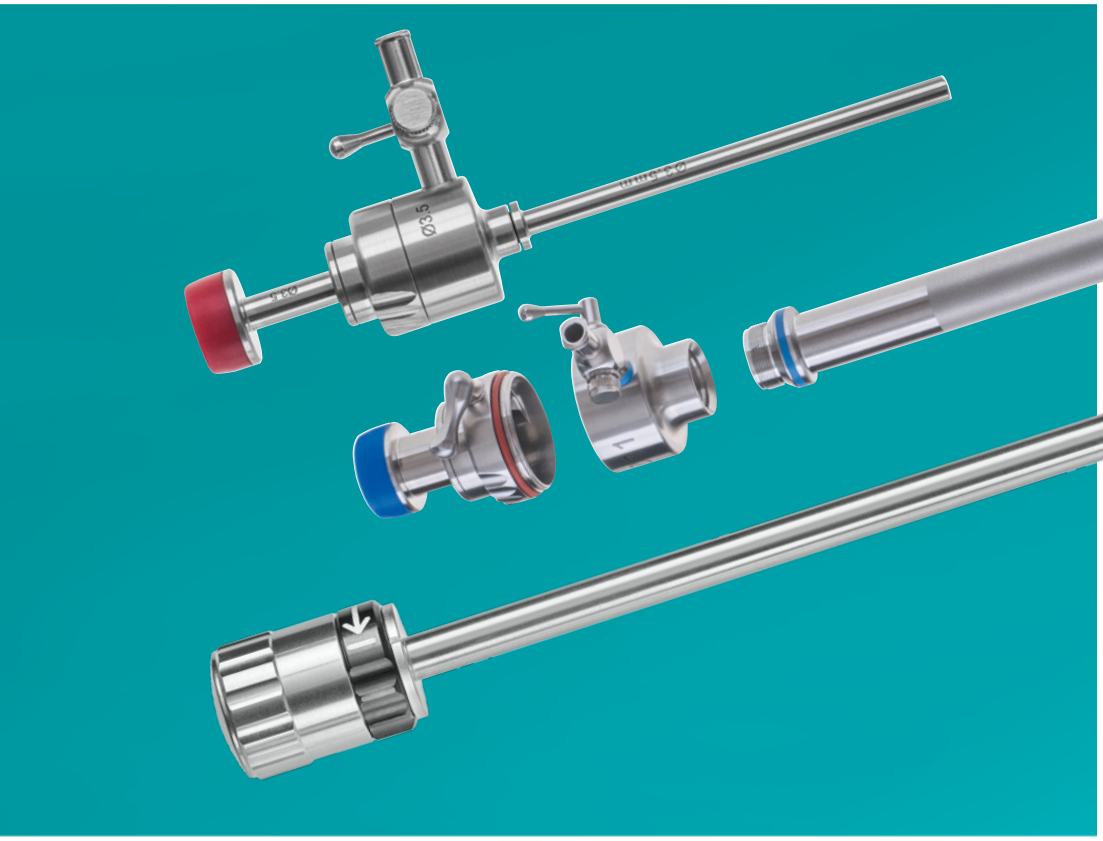


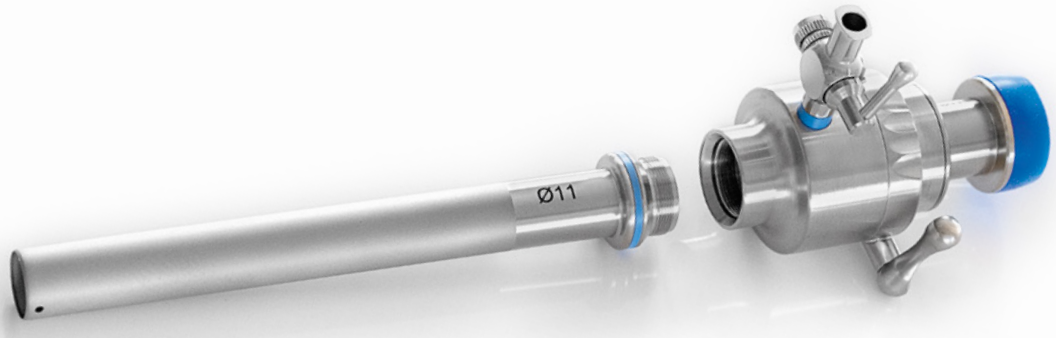


RECOMMENDATIONS FOR RZ LAPAROSCOPES

- Sterilization Containers and Trays for safe usage and storage:
  pages 157-167
- ∅ 3.5mm, ∅ 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



Easy opening MultiPort System



Improved trap-door valves



Highest safety due to stainless steel connections

SILIPORT TROCAR SYSTEM



1. Reusable and autoclavable seals
2. Reusable and autoclavable silicon valve
3. Stainless steel stopcock
4. Lightweight systhetic housing
5. Self-centering conical sleeve

Color code	∅
	5.5mm
	11.0mm
	13.0mm

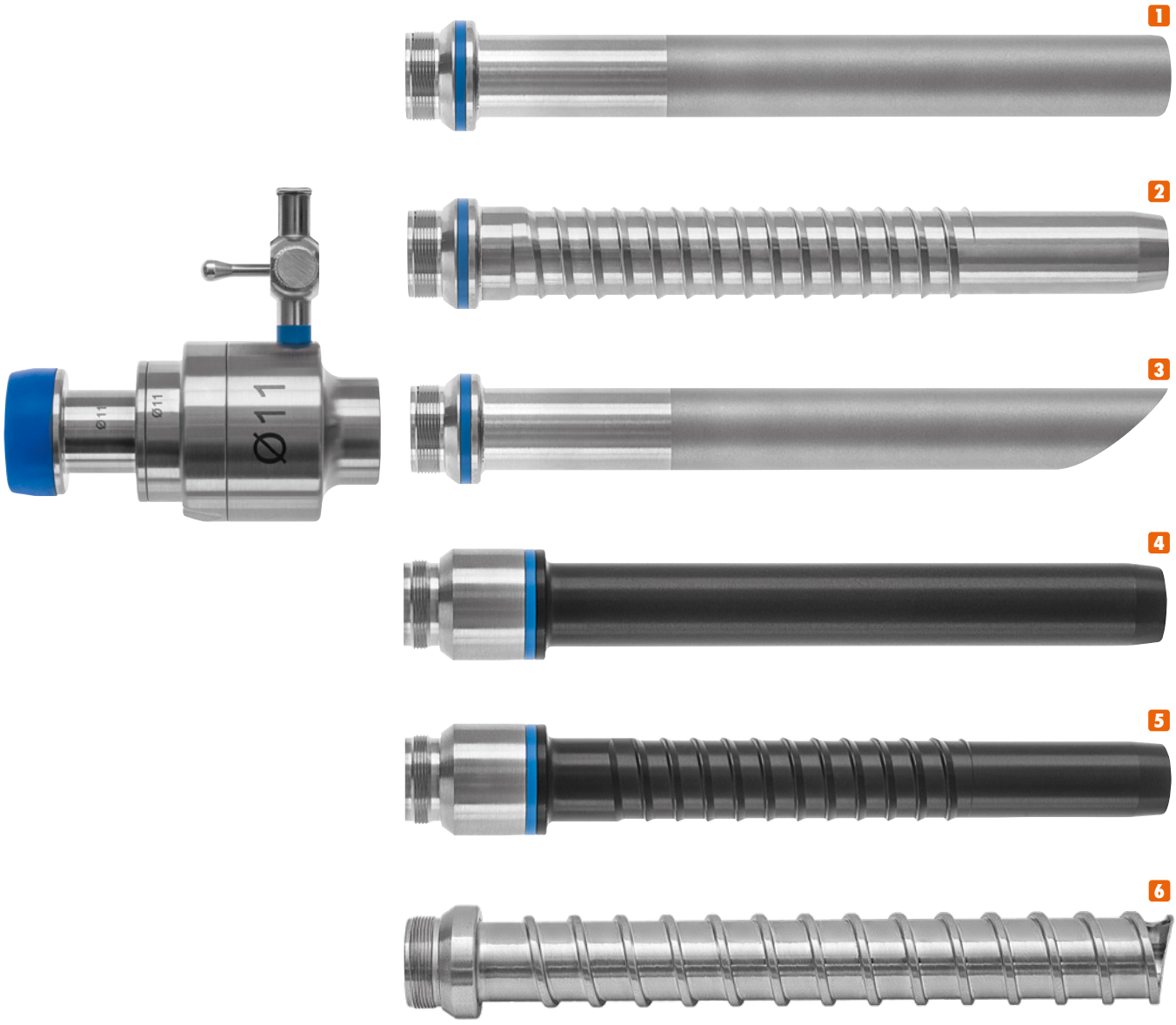
MultiPort Trocar System



SiliPort Trocar System



Multiport Trocar Sleeves, 100mm working length



	Ø 5.5mm	Ø 11mm	Ø 13mm
1 Stainless steel sleeve, smooth	300-220-055*	300-220-011*	300-220-013*
2 Stainless steel sleeve, thread	300-221-055	300-221-011	300-221-013
3 Stainless steel sleeve, oblique	300-222-055*	300-222-011*	300-222-013*
4 Synthetic sleeve, smooth	300-223-055	300-223-011	300-223-013
5 Synthetic sleeve, thread	300-224-055	300-224-011	300-224-013
6 Stainless steel sleeve, self-cutting	300-226-055	300-226-011	300-226-013

Siliport Trocar Sleeves, 100mm working length





	Ø 5.5mm	Ø 11mm	Ø 13mm
1 Stainless steel sleeve, smooth	300-230-055	300-230-011	300-230-013
2 Stainless steel sleeve, thread	300-231-055	300-231-011	300-231-013
3 Stainless steel sleeve, oblique	300-232-055	300-232-011	300-232-013
4 Synthetic sleeve, smooth	300-233-055	300-233-011	300-233-013
5 Synthetic sleeve, thread	300-234-055	300-234-011	300-234-013
6 Stainless steel sleeve, self-cutting	300-236-055	300-236-011	300-236-013

SPECIAL SIZED TROCAR SYSTEM



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

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

PEDIATRIC TROCAR SYSTEM



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

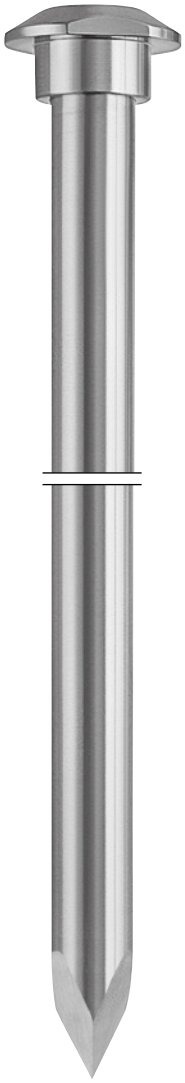
SPARE TROCAR SLEEVES AND VALVE UNITS





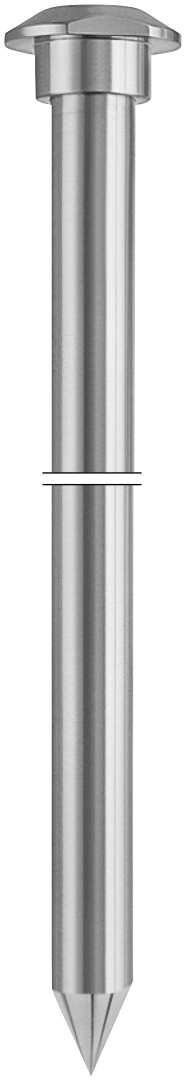
		Ø 5.5mm	Ø 11mm	Ø 13mm
1	Stainless steel sleeve, smooth	300-220-255	300-220-211	300-220-213
2	Stainless steel sleeve, thread	300-221-255	300-221-211	300-221-213
3	Stainless steel sleeve, oblique	300-222-255	300-222-211	300-222-213
4	Synthetic sleeve, smooth	300-233-255	300-233-211	300-233-213
5	Synthetic 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

		Ø 5.5mm	Ø 11mm	Ø 13mm
7	MultiPort Valve unit	300-219-055	300-219-011	300-219-013
8	SiliPort Valve Unit	300-229-055	300-229-011	300-229-013



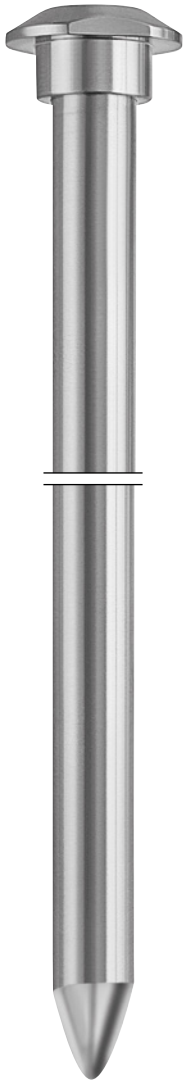
Standard trocar
with pyramidal tip, reusable, cutting

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



Standard trocar
with conical tip, reusable, cutting

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



Hasson Obturator with blunt ball tip,
reusable, atraumatic

300-242-035	∅ 3.5mm
300-242-055	∅ 5.5mm
300-242-011	∅ 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



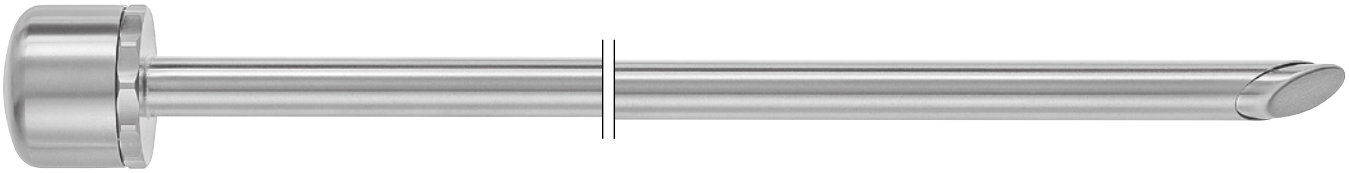
Shielded trocar tip



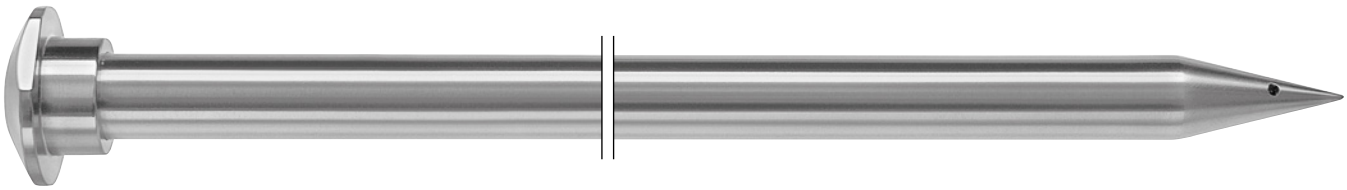
Sharp trocar tip



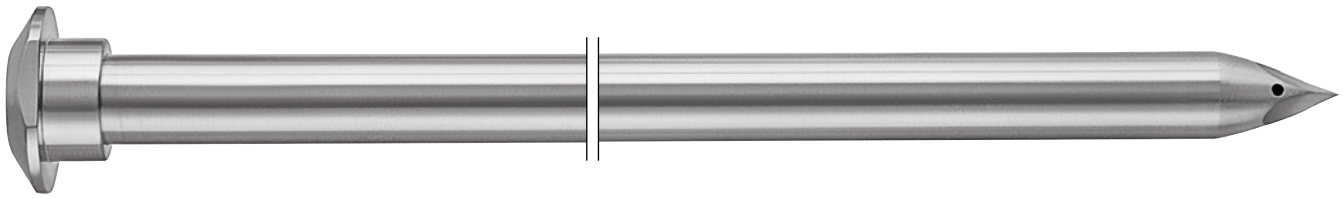
Safety mechanism



Safety trocar with oblique cutting edge
300-154-055 5.5mm
300-154-125 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*	∅ 5.5mm
300-025-359*	∅ 11mm
300-025-359	∅ 13mm



2

Sealing caps, color-coded, 10 pieces

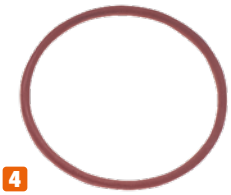
300-250-035	∅ 3.5mm (red)
300-250-055*	∅ 5.5mm (white)
300-250-011*	∅ 11mm (blue)
300-250-013*	∅ 13mm (green)
300-020-915	∅ 15mm (grey)
300-020-920	∅ 20mm (grey)



3

Gaskets for MultiPort Trocar System, 10 pieces

300-250-235	∅ 3.5mm (black)
300-250-255	∅ 5.5mm (white)
300-250-211	∅ 11mm (blue)
300-250-213	∅ 13mm (green)
300-020-215	∅ 15mm (blue)
300-020-220	∅ 20mm (blue)



4

Gaskets for MultiPort Trocar System, 10 pieces

300-250-135	∅ 3.5mm / 5.5mm
300-250-111	∅ 11mm / 13mm
300-020-115	∅ 15mm
300-020-120	∅ 20mm



Reducer clip with silicone band
for all RZ trocar systems
300-021-011* ∅ 11mm ⇨ 5.5mm
300-021-125 ∅ 12.5mm ⇨ 5.5mm



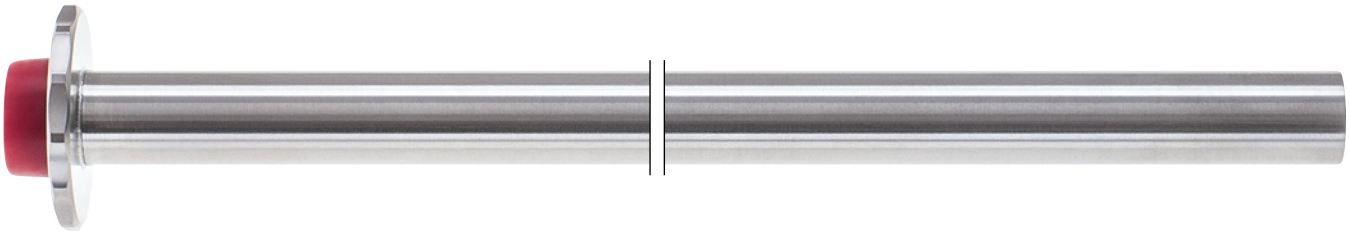
Reducer clip with silicone band for
all RZ trocar systems
300-021-355* ∅ 11mm ⇨ 5.5mm
300-021-380 ∅ 11mm ⇨ 8.0 mm
300-021-305 ∅ 13mm ⇨ 5.5mm
300-021-310 ∅ 13mm ⇨ 10.0 mm



Slide-reducer for all RZ Trocar Systems
300-021-455 ∅ 11mm ⇨ 5.5mm
300-021-405 ∅ 13mm ⇨ 5.5mm
300-021-410 ∅ 13mm ⇨ 10.0 mm



Reducer Sleeve short, for all RZ modular trocar systems, 60mm
300-012-106∅ 10mm ⇨ 5.0 mm
300-012-116∅ 11mm ⇨ 5.5mm
300-012-121∅ 12.5mm ⇨ 5.5mm



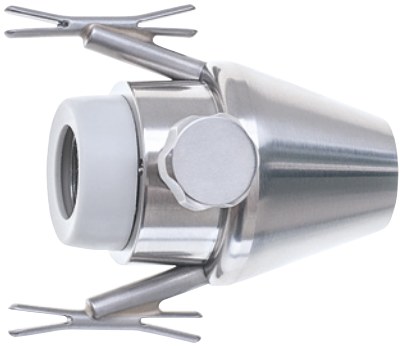
Reducer Sleeve long, for all RZ modular trocar systems, 190mm
300-012-405* ∅ 5.0mm ⇨ 4.0mm (red)*
300-012-455* ∅ 10.0/11.0mm ⇨ 5.5mm (red)
300-012-410 ∅ 12.5mm ⇨ 10.0mm (blue)
300-012-412 ∅ 12.5mm ⇨ 5.5mm (red)
300-012-415 ∅ 15.0mm ⇨ 10.0mm (blue)
300-012-416 ∅ 15.0mm ⇨ 5.5mm (red)
300-012-425 ∅ 20.0mm ⇨ 15.0mm (grey)
300-012-420 ∅ 20.0mm ⇨ 10.0mm (blue)
300-012-421 ∅ 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	∅ 5.5mm
300-014-111	∅ 11mm
300-014-113	∅ 13mm

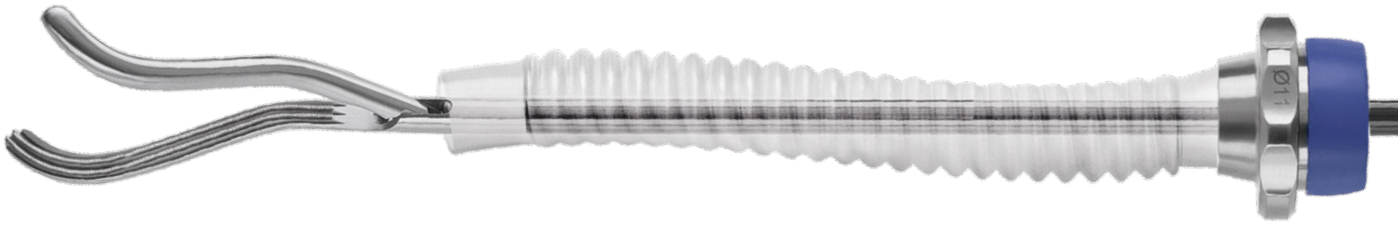


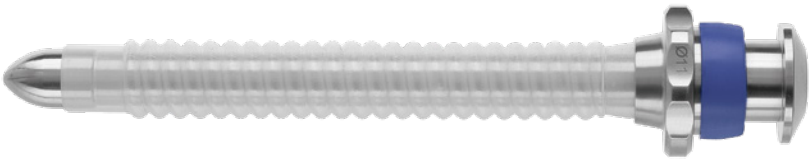
Fixable sliding Hasson cone with suture fixation device, for all RZ Modular Trocar Systems with smooth metal sleeves

300-014-711	∅ 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, ∅ 11 mm
300-020-211 100 mm working length
300-020-711 70 mm working length



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



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



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



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



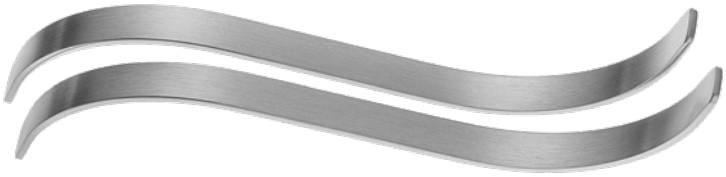
Gasket for Thorax Trocar System
∅ 11mm (package of 10 pcs.)
300-250-011 blue
300-250-055 white



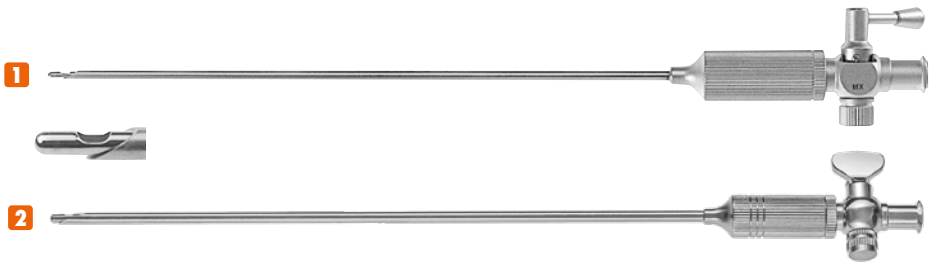
Plastic Trocar Sleeve, flexible, package of 5 pieces
300-024-111 ∅ 11.0mm, 100mm
300-024-711 ∅ 11.0mm, 70mm
300-024-155 ∅ 5.5mm, 100mm
300-024-755 ∅ 5.5mm, 70mm



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, ∅ 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, ∅ 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*

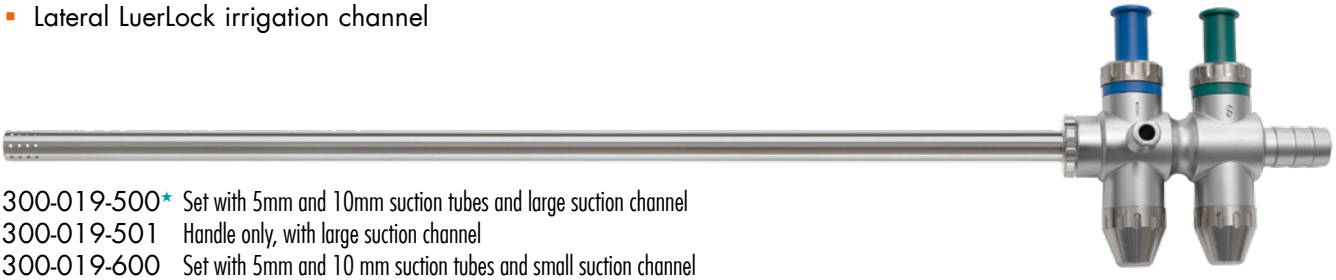
* standard length

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



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



300-165-100 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



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



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







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

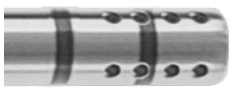


4 holes, with markings, 340 mm working length

	∅ 3mm	300-172-003
	∅ 5mm	300-172-005*
	∅ 10mm	300-172-010*



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

	∅ 3mm	300-173-003
	∅ 5mm	300-173-005*
	∅ 10mm	300-173-010*



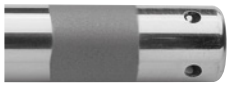
300-192-000* Suction and irrigation handle with rotating 2-way lever mechanism and 2 large universal tube adapters with LuerLock connector



Suction and irrigation tubes for 300-192-000



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

	∅ 3mm	300-192-003
	∅ 5mm	300-192-005*
	∅ 10mm	300-192-010*



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

	∅ 3mm	300-193-003
	∅ 5mm	300-193-005*
	∅ 10mm	300-193-010*



1/1

Suction or irrigation tube with LuerLock, 4 x 4 holes and stopcock, ∅ 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

1/1 

	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

1/1 

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

ELECTRODES
340mm working length

MONOPOLAR



	J-hook Electrode, thick wire	300-163-110
	L-hook Electrode	300-163-120
	Spatula Electrode	300-163-130
	Ballpoint Electrode	300-163-140

With ceramic tip, 340mm working length



	L-hook Electrode	300-163-820
	Spatula Electrode	300-163-830



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.

COAGULATION ELECTRODES

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

MONOPOLAR



	J-hook Electrode	300-100-132
	L-hook Electrode	300-100-133*
	Spatula Electrode	300-100-131*
	Ballpoint Electrode	300-100-134

HANDLE ELECTRODES

∅ 5mm, 360mm working length

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

MONOPOLAR





Without suction



With suction

	Spatula Electrode 360mm working length 450mm working length	300-144-002* 300-144-452	300-145-003* 300-145-453
	J-hook Electrode 360mm working length 450mm working length	300-144-004 300-144-454	300-145-004* 300-145-454
	L-hook Electrode 360mm working length 450mm working length	300-144-005* 300-144-455	300-145-005* 300-145-455
	Needle Electrode 360mm working length 450mm working length	300-144-006* 300-144-456	300-145-006* 300-145-456

ELECTRODES

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

MONOPOLAR

- 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

MONOPOLAR CABLES

max. 5 kVp

MONOPOLAR



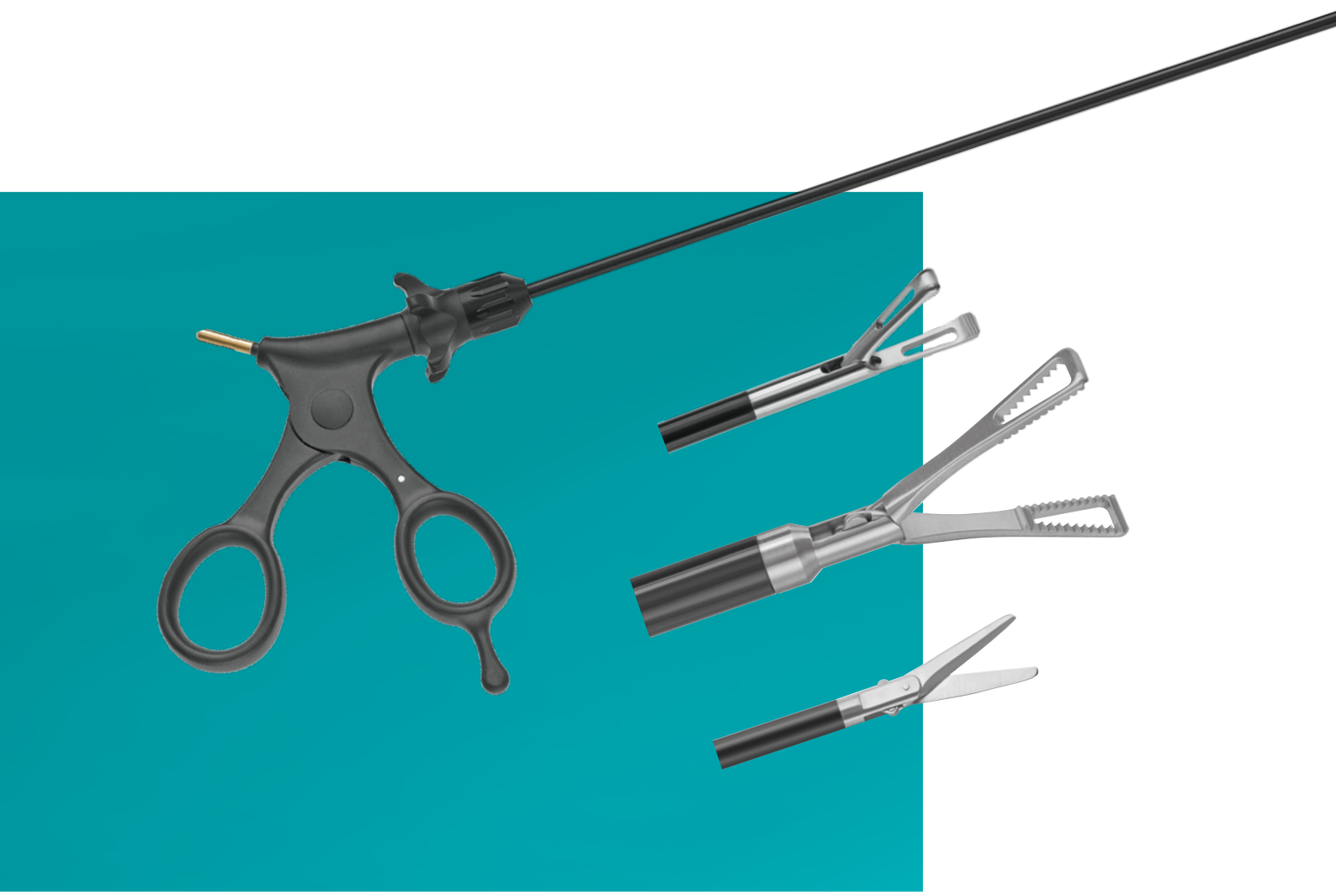





Generator end

		4mm socket	4mm socket, angled	2mm plug	4mm plug	3mm socket	4mm plug
 RZ HF Unit Standard Plug, max. 1kVp	3m	700-501-303*					
	5m	700-501-503					
 RZ HF Unit SDS Plug, max. 1kVp	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				700-293-035
 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		700-363-050		700-370-050
 Martin, Berchtold	3m	700-285-030*		700-286-030	700-286-130		700-286-230
	5m	700-285-050*					
 Erbe ACC/ICC	3m	700-101-030	700-102-030	700-103-030			700-286-230
	5m	700-101-050				700-104-050	

RING HANDLE INSTRUMENTS





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

non-rotating



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

rotating



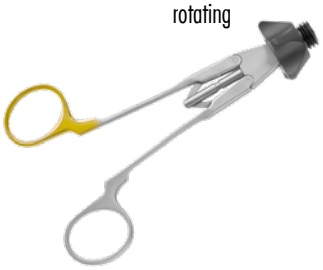
300-750-115
Axial Handle with catch, rotating,
for standard instrument,
with one golden ring

non-rotating



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

rotating



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



Outer Sheath, insulated, adaptable to all handles, ∅ 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, ∅ 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

∅ 5mm 210 mm 300-550-105
∅ 5mm 330 mm 300-660-105
∅ 10 mm 330 mm 300-660-110
∅ 5mm 450 mm 300-760-105
∅ 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	complete instrument	complete instrument
Ø 5mm  1/1 Insert and Shaft	300-400-067	300-410-067	300-420-067
	Insert's Catalogue-No.	Catalogue-No. of the complete Instrument	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:

1 Handle

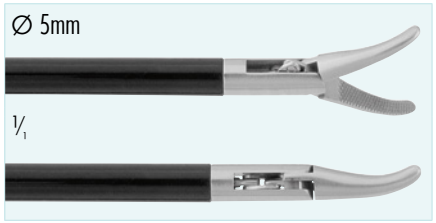
2 Outer Sheath

3 Insert

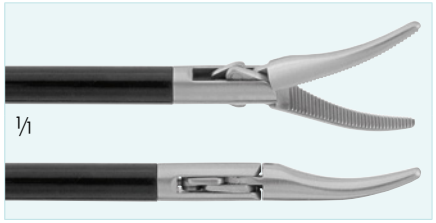


	Catalogue-No. for insert only	 Complete Instrument with handle 300-750-001	 Complete Instrument with handle 300-750-101
 Ø 5mm 1/1	300-400-732*	300-410-732	300-420-732*

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

 Ø 5mm 1/1	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

 1/1	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

 Ø 5mm 1/1	300-400-738*	300-410-738	300-420-738*

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



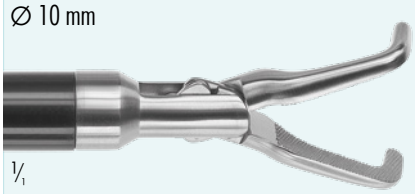
Complete Instrument with handle 300-750-001



Complete Instrument with handle 300-750-101

	insert only	Complete Instrument with handle 300-750-001	Complete Instrument with handle 300-750-101
Ø 5mm  1/1	300-400-735*	300-410-735	300-420-735*

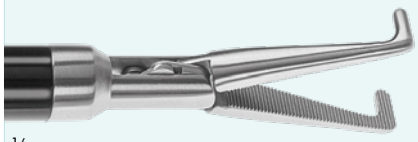
RIGHT ANGLE
Dissecting grasping forceps, fine serrated jaws, double action, Ø 5mm, 330 mm

Ø 10 mm  1/1	300-400-736*	300-410-736	300-420-736*

RIGHT ANGLE
Dissecting grasping forceps, fine serrated jaws, double action, Ø 10 mm, 330 mm

Ø 10 mm  1/1	300-400-741	300-410-741	300-420-741

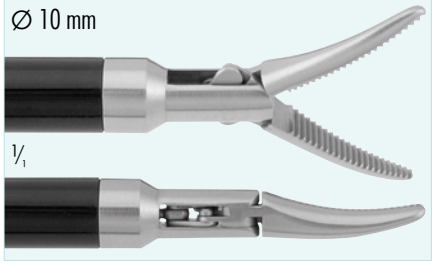
OVERHOLT
Dissecting forceps 90° angled jaws, double action, Ø 10 mm, 330 mm

Ø 10 mm  1/1	300-400-740	300-410-740	300-420-740

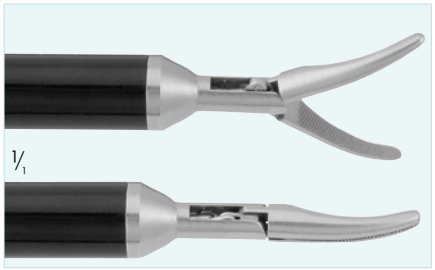
MIXTER
Dissecting forceps, 10 mm long tip, 90° angled jaws, double action, Ø 10 mm, 330 mm

Ø 5mm  1/1	300-400-027	300-410-027	300-420-027

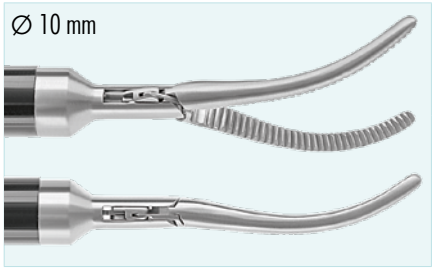
PETELIN
Dissecting forceps, single action jaws, angled 60° left. deep serrations, Ø 5mm, 330 mm

	insert only	 Complete Instrument with handle 300-750-001	 Complete Instrument with handle 300-750-101
 ∅ 10 mm 1/1	300-400-730	300-410-730	300-420-730

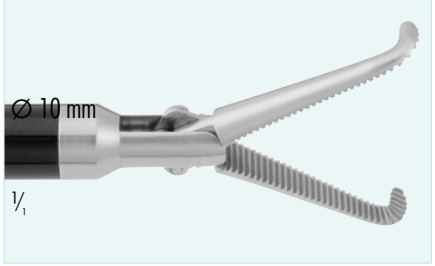
MARYLAND
Dissecting forceps curved left, blunt jaws, double action, ∅ 10 mm, 330 mm

∅ 10 mm  1/1	300-400-734	300-410-734	300-420-734

MIXTER 45°
Dissecting forceps curved with long fine serrated jaws, double action, ∅ 10 mm, 330 mm

∅ 10 mm 	300-400-737	300-410-737	300-420-737

OVERHOLT-MIXTER
Dissecting forceps curved with slim long serrated jaws, double action, ∅ 10 mm, 330 mm

 ∅ 10 mm 1/1	300-400-739*	300-410-739	300-420-739*

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



Complete Instrument with handle 300-750-001



Complete Instrument with handle 300-750-101

	insert only	Complete Instrument with handle 300-750-001	Complete Instrument with handle 300-750-101
Ø 5mm  1/1	300-400-044	300-410-044	300-420-044

ADHESION FORCEPS
Serrated jaws, one fenestrated, double action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-400-109	300-410-109	300-420-109

GRASPING FORCEPS
1x2 teeth, single action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-400-251*	300-410-251	300-420-251*

BABCOCK
Grasping Forceps, single action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-400-023	300-410-023	300-420-023

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

Ø 5mm  1/1	300-400-087	300-410-087	300-420-087

DUCKBILL
Grasping Forceps, serrated, double action, Ø 5mm, 330 mm

	insert only	 Complete Instrument with handle 300-750-003	 Complete Instrument with handle 300-750-101
 ∅ 5mm 1/1	300-400-016*	300-410-016	300-420-016*

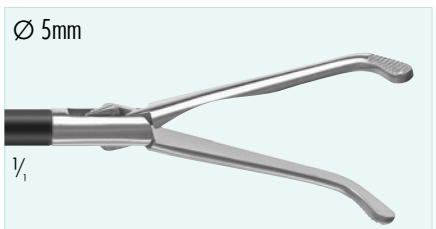
NEEDLE NOSE
Dissecting and grasping forceps with tapered and fine, cross-serrated jaws, double action, ∅ 5mm, 330 mm

 ∅ 5mm 1/1	300-400-003	300-410-003	300-420-003

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

 ∅ 5mm 1/1	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, ∅ 5mm, 330 mm

 ∅ 5mm 1/1	300-400-610	300-430-610	300-440-610

PYLORUS
Spreader, double action, ∅ 5mm, 330 mm

	insert only	 Complete Instrument with handle 300-750-001	 Complete Instrument with handle 300-750-101	 Complete Instrument with handle 300-750-003	 Complete Instrument with handle 300-750-103
 ∅ 5mm 1/1	300-400-025*	300-410-025	300-420-025*	300-430-025	300-440-025*

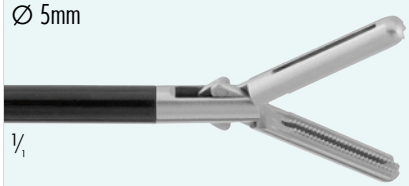
DOLPHIN
Dissecting and grasping forceps with biopsy cup and fine serrated and tapered jaws, double action, ∅ 5mm, 330 mm



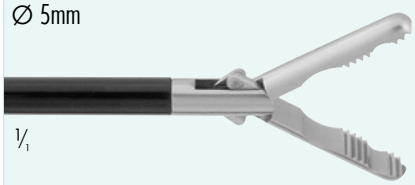
Complete Instrument with handle 300-750-003



Complete Instrument with handle 300-750-103

	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103
Ø 5mm 1/1 	300-400-012*	300-430-012	300-440-012*

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

Ø 5mm 1/1 	300-400-015*	300-430-015	300-440-015*

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

Ø 5mm 1/1 	300-400-005	300-430-005	300-440-005

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

Ø 5mm 1/1 	300-400-021	300-430-021	300-440-021

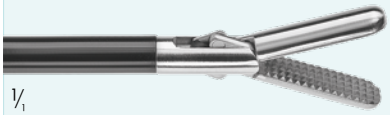
DOLPHIN
Grasping and dissecting forceps with fine serrated tapered jaws, double action, Ø 5mm, 330 mm

	insert only	 Complete Instrument with handle 300-750-003	 Complete Instrument with handle 300-750-103	 Complete Instrument with handle 300-750-105
 Ø 5mm 1/1	300-400-001*	300-430-001	300-440-001*	300-460-001*

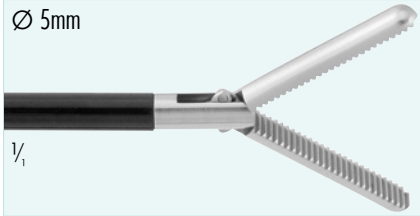
BULLNOSE
Grasping forceps, heavy pattern, standard serrated jaws, double action, Ø 5mm, 330 mm

 Ø 5mm 1/1	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

 Ø 5mm 1/1	300-400-029*	300-430-029	300-440-029*	300-460-029*

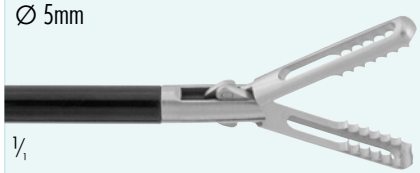
STRONG TC GRASPER
Grasping forceps with Tungsten Carbide jaw inserts, heavy pattern, pyramidal tip, serrated,15mm long jaws, double action, Ø 5mm, 330 mm

 Ø 5mm 1/1	300-400-002	300-430-002	300-440-002	300-460-002

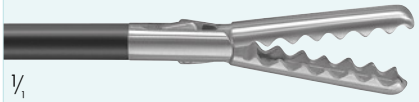
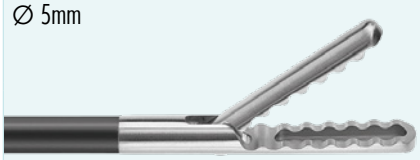
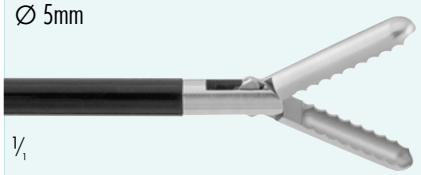
XL BULLNOSE
Grasping forceps, standard serrated jaws, double action, Ø 5mm, 330 mm

 Ø 5mm 1/1	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

 Ø 5mm 1/1	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
 Ø 5mm 1/1	300-400-013*	300-430-013	300-440-013*	300-460-013*
 Ø 5mm 1/1	300-400-033*	300-430-033	300-440-033*	300-460-033*
 Ø 5mm 1/1	300-400-053	300-430-053	300-440-053	300-460-053

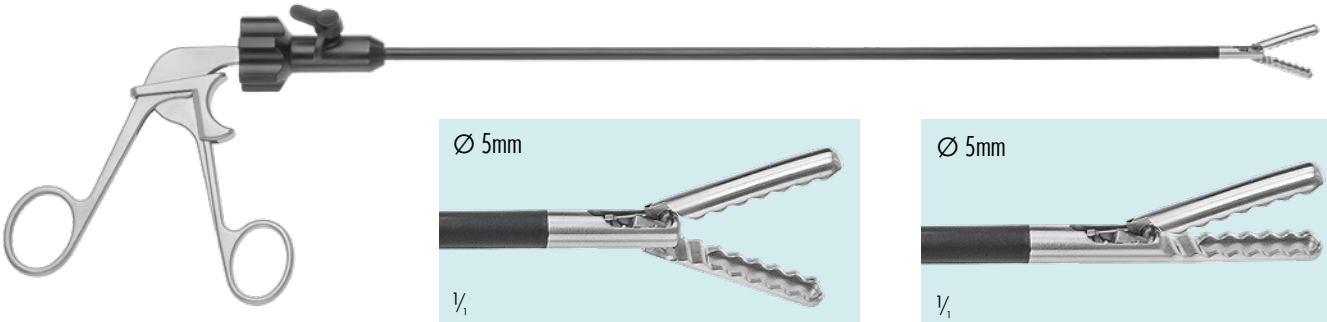
PRESTIGE
Atraumatic grasping forceps with long, wave shaped jaws and deep cup with lateral serration, double action, Ø 5mm, 330 mm

PRESTIGE
Grasping Forceps, wave-shaped lateral serration, and deep cup, single action, atraumatic, Ø 5mm, 330 mm

ALLIGATOR
Grasping forceps with fine sharp lateral teeth and deep cup, double action, Ø 5mm, 330 mm

NON-DETACHABLE PRESTIGE FORCEPS

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



Ø 5mm 1/1

300-111-013
Double action jaws

Ø 5mm 1/1

300-111-033
Single action jaws


Complete Instrument with handle 300-750-003


Complete Instrument with handle 300-750-103


Complete Instrument with handle 300-750-105

	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103	Complete Instrument with handle 300-750-105
Ø 5mm 1/1 	300-400-004*	300-430-004	300-440-004*	300-460-004*

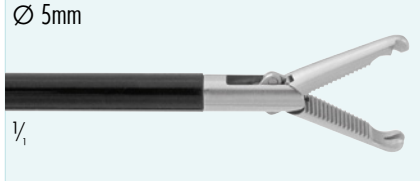
KOCHER
Grasping forceps with agressive 3 x 4 teeth and serrated inner jaws, double action, Ø 5mm, 330 mm

Ø 5mm 1/1 	300-400-006	300-430-006	300-440-006	300-460-006

KOCHER
Grasping forceps with agressive 2 x 4 teeth and serrated inner jaws, single action, Ø 5mm, 330 mm

Ø 5mm 1/1 	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

Ø 5mm 1/1 	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

Ø 5mm 1/1 	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


Complete Instrument with handle 300-750-003


Complete Instrument with handle 300-750-103


Complete Instrument with handle 300-750-105

	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103	Complete Instrument with handle 300-750-105
Ø 5mm  1/1	300-400-011*	300-430-011	300-440-011*	300-460-011*

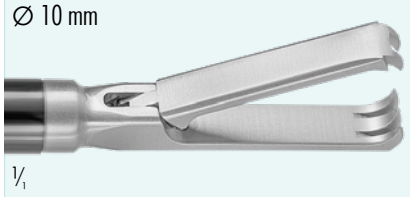
MARTIN
Grasping forceps with multiple fine serrations, 4.8 mm wide jaws, single action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-400-713*	300-430-713	300-440-713*	300-460-713*

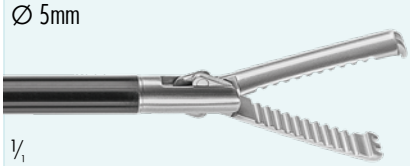
CLAW GRASPER
Grasping forceps, aggressive 2 x 3 teeth and smooth inner jaws, single action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-401-713	300-431-713	300-441-713	300-461-713

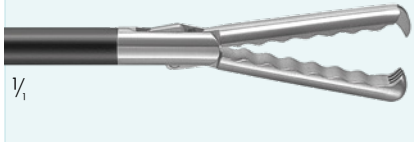
CLAW GRASPER
Grasping forceps, aggressive 2 x 3 teeth and smooth inner jaws, single action, Ø 5mm, 450 mm

Ø 10 mm  1/1	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

Ø 5mm  1/1	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

Ø 5mm  1/1	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


Complete Instrument with handle 300-750-003


Complete Instrument with handle 300-750-103

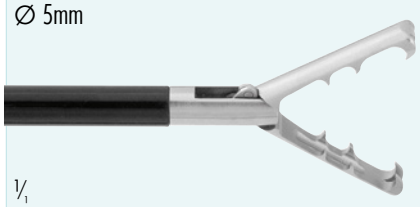

Complete Instrument with handle 300-750-105

	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103	Complete Instrument with handle 300-750-105
Ø 5mm  1/1	300-400-051	300-430-051	300-440-051	300-460-051

ALLIGATOR SPOON
Grasping forceps with cupped jaws, aggressive retrograde lateral teeth, double action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-400-010*	300-430-010	300-440-010*	300-460-010*

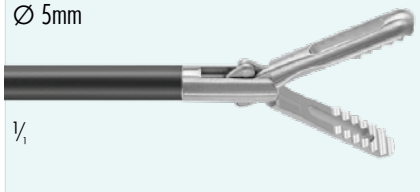
ALLIGATOR
Grasping forceps with strong retrograde serrations, double action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-400-048	300-430-048	300-440-048	300-460-048

SHARK
Grasping forceps with very sharp and aggressive lateral retrograde teeth, double action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-400-018	300-430-018	300-440-018	300-460-018

CLINCH
Grasping forceps with strong serration and fenestrated jaws, double action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-400-049	300-430-049	300-440-049	300-460-049

ENDOCLINCH
Grasping forceps, wave-shaped, fenestrated, double action, Ø 5mm, 330 mm



Complete Instrument
with handle 300-750-003



Complete Instrument
with handle 300-750-103

	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103
Ø 5mm 1/1	300-400-042	300-410-042	300-420-042

PIN GRASPER
Grasping Forceps with fine 1x2 teeth, smooth inner jaws, double action, Ø 5mm, 330 mm

Ø 5mm 1/1	300-400-045	300-410-045	300-420-045

OVARY
Grasping forceps with fine serrated, wave shaped jaws, double action, Ø 5mm, 330 mm

Ø 5mm 1/1	300-400-046	300-410-046	300-420-046

TUBAL
Dissecting and grasping forceps with smooth jaws, double action, Ø 5mm, 330 mm

Ø 5mm 1/1	300-400-024	300-410-024	300-420-024

DUCKBILL
Grasping and dissecting forceps with flat jaws, fine serrations, double action, Ø 5mm, 330 mm

Ø 5mm 1/1	300-400-032	300-410-032	300-420-032

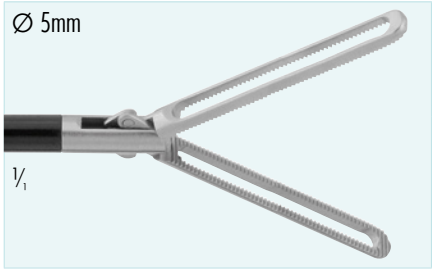
PETITE
Micro Grasping Forceps, double action, fenestrated, fine jaw, fine serration

Ø 5mm 1/1	300-400-026	300-410-026	300-420-026

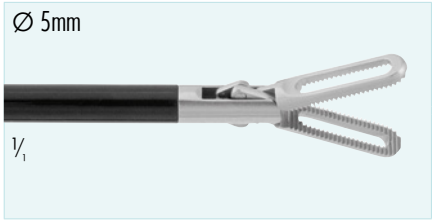
PETELIN
Grasping and Dissecting Forceps with serrated jaws, curved left, single action, Ø 5mm, 330 mm

	insert only	 Complete Instrument with handle 300-750-003	 Complete Instrument with handle 300-750-103	 Complete Instrument with handle 300-750-105
 Ø 5mm 1/1	300-400-289*	300-430-289	300-440-289*	300-470-289*

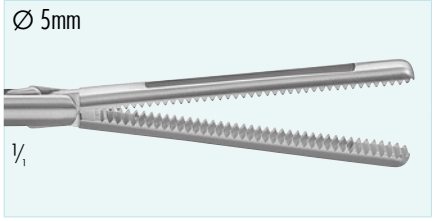
JOHANS
Grasping forceps with 20 mm fenestrated jaws, double action, Ø 5mm, 330 mm

 Ø 5mm 1/1	300-400-291*	300-430-291	300-440-291*	300-470-291*

LONG JOHANS
Grasping forceps with 40 mm fenestrated jaws, double action, Ø 5mm, 330 mm

 Ø 5mm 1/1	300-400-285*	300-430-285	300-440-285*	300-470-285*

DORSEY
Grasping forceps with 12 mm fenestrated jaws, double action, Ø 5mm, 330 mm

 Ø 5mm 1/1	300-400-287	300-430-287	300-440-287	300-470-287

LONG DORSEY
Grasping forceps with 45mm fenstrated jaws, double action, Ø 5mm, 330 mm

 Ø 5mm 1/1	300-400-288	300-430-288	300-440-288	300-470-288

LONG JOHANS
Grasping forceps with 40 mm fenestrated jaws, single action, Ø 5mm, 330 mm


Complete Instrument with handle 300-750-003


Complete Instrument with handle 300-750-103


Complete Instrument with handle 300-750-105

	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103	Complete Instrument with handle 300-750-105
Ø 5mm	300-400-284*	300-430-284	300-440-284*	300-470-284*


1/1

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

Ø 5mm	300-400-310*	300-430-310	300-440-310*	300-470-310*
	300-400-312**	300-430-312*	300-440-312**	300-470-312**


1/1

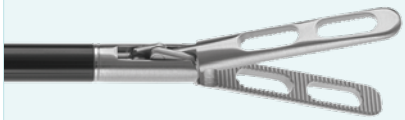
MARQUES
Grasping forceps with 2 fenestrations, single action, Ø 5mm, 330 mm
* with 3 fenestrations

Ø 5mm	300-400-314*	300-430-314	300-440-314*	300-470-314*


1/1

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

Ø 5mm	300-400-311	300-430-311	300-440-311	300-470-311
	300-400-313*	300-430-313*	300-440-313*	300-470-313*


1/1

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

Ø 5mm	300-400-052*	300-430-052	300-440-052*	300-470-052*


1/1

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
Ø 5mm  1/1	300-400-080*	300-410-080	300-420-080*

Biopsy forceps with 2 pinholes, sharp oval cups, double action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-400-082	300-410-082	300-420-082

Biopsy forceps with sharp oval cups, double action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-400-521	300-410-521	300-420-521

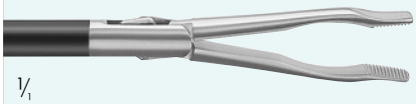
Biopsy forceps with 2 pins, sharp oval cups, single action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-400-086	300-410-086	300-420-086

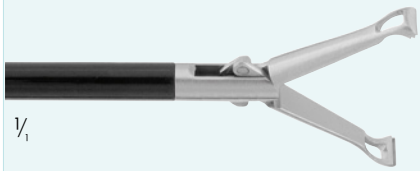
BLAKESLEY
Biopsy forceps with sharp cups, single action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-400-100	300-410-100	300-420-100

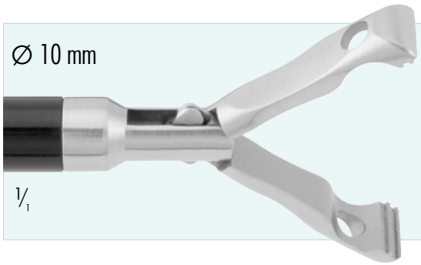
Hook punch forceps, thru-cutting, single action, Ø 5mm, 330 mm

	insert only	 Complete Instrument with handle 300-750-003	 Complete Instrument with handle 300-750-103	 Complete Instrument with handle 300-750-105
Ø 5mm  1/1	300-400-250	300-430-250	300-440-250	300-470-250

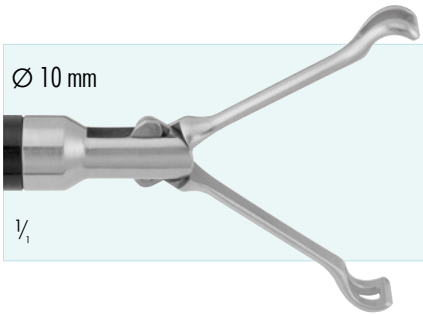
BABCOCK PADDLE
Grasping forceps with flat paddles and fine serration for atraumatic grip of delicate tissue, double action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-400-252*	300-430-252	300-440-252*	300-470-252*

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

Ø 10 mm  1/1	300-400-079	300-430-079	300-440-079	300-470-079

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

Ø 10 mm  1/1	300-400-078*	300-430-078	300-440-078*	300-470-078*

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



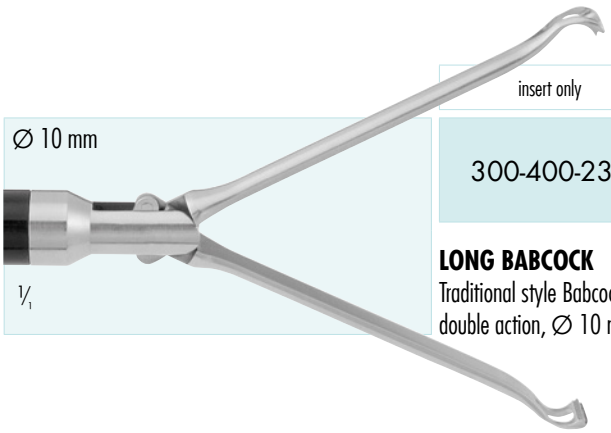
Complete Instrument with handle 300-750-003



Complete Instrument with handle 300-750-103



Complete Instrument with handle 300-750-105



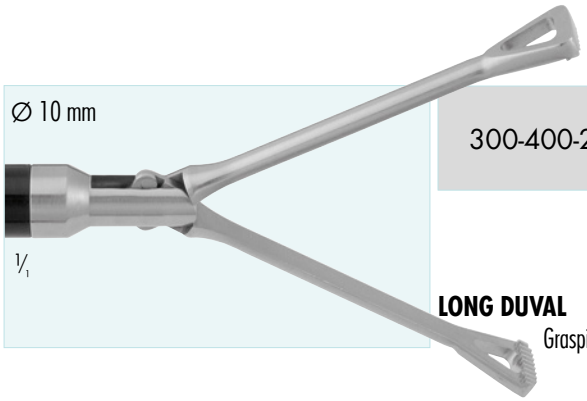
∅ 10 mm

1/1

insert only

300-400-234	300-430-234	300-440-234	300-470-234

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

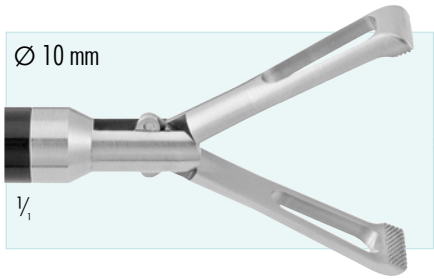


∅ 10 mm

1/1

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



∅ 10 mm

1/1

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



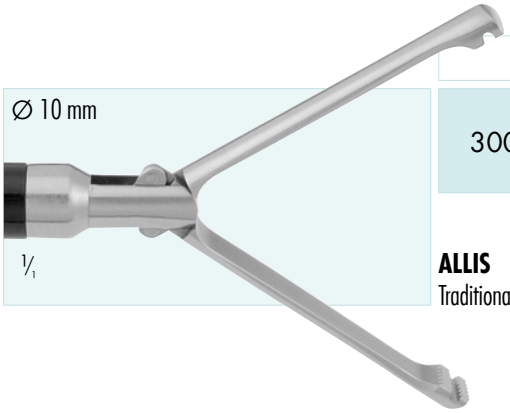
Complete Instrument with handle 300-750-003



Complete Instrument with handle 300-750-103

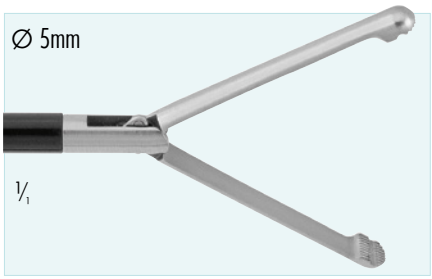


Complete Instrument with handle 300-750-105



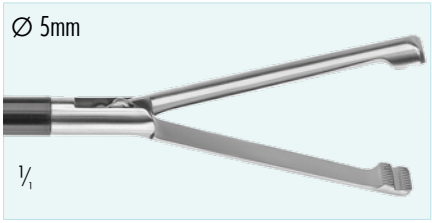
	insert only			
Ø 10 mm	300-400-074	300-430-074	300-440-074	300-470-074

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



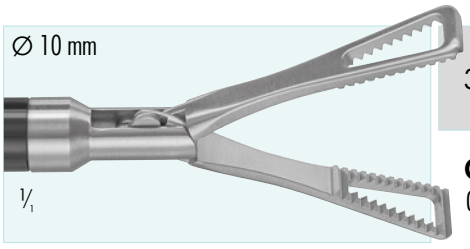
Ø 5mm	300-400-097	300-430-097	300-440-097	300-470-097

SLIM ALLIS
Grasping forceps with delicate jaws and with fine serrations on the tip, double action, Ø 5mm, 330 mm



Ø 5mm	300-400-197	300-430-197	300-440-197	300-470-197

ALLIS
Bowell grasping forceps, 4 mm x 35mm, double action, Ø 5mm, 330 mm



Ø 10 mm	300-400-085*	300-430-085	300-440-085*	300-470-085*

COLLIN
Grasping forceps, V-shaped tip with deep serrations for firm grip, double action, Ø 10 mm, 330 mm

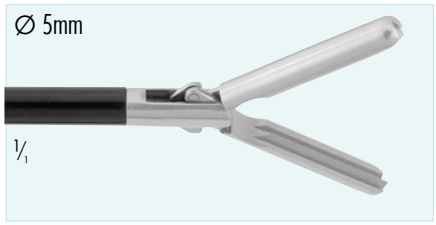

Complete Instrument with handle 300-750-003


Complete Instrument with handle 300-750-103


Complete Instrument with handle 300-750-105

	insert only			
 Ø 5mm 1/1	300-400-243	300-430-243	300-440-243	300-460-243

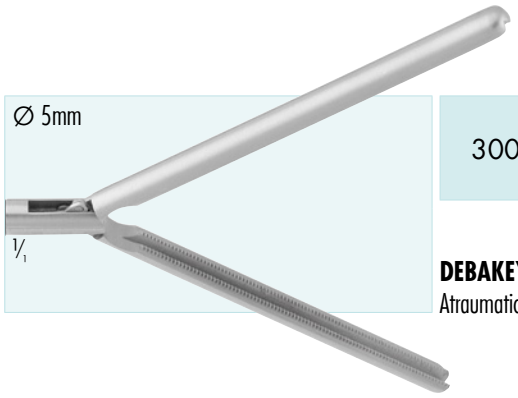
DEBAKEY
Pick-up forceps with fine 22 mm long atraumatic serrations, 38 mm jaws, double action, Ø 5mm, 330 mm

 Ø 5mm 1/1	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

 Ø 5mm 1/1	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

 Ø 5mm 1/1	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



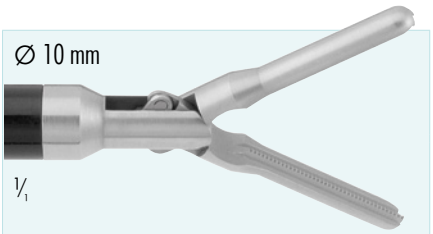
Complete Instrument with handle 300-750-003



Complete Instrument with handle 300-750-103



Complete Instrument with handle 300-750-105

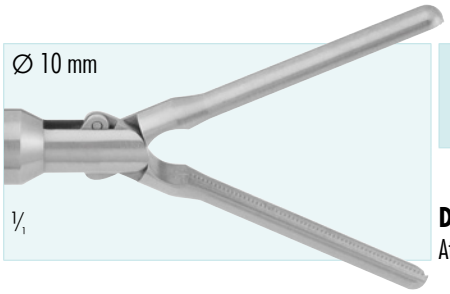


Ø 10 mm

1/1

insert only			
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

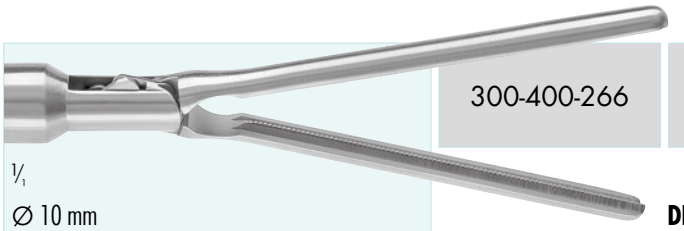


Ø 10 mm

1/1

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

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



1/1

Ø 10 mm

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

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



Complete Instrument with handle 300-750-003

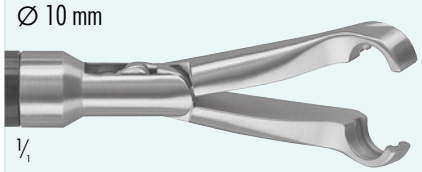


Complete Instrument with handle 300-750-103



Complete Instrument with handle 300-750-105

	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103	Complete Instrument with handle 300-750-105
Ø 10 mm	300-400-295	300-430-295	300-440-295	300-460-295



1/1

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

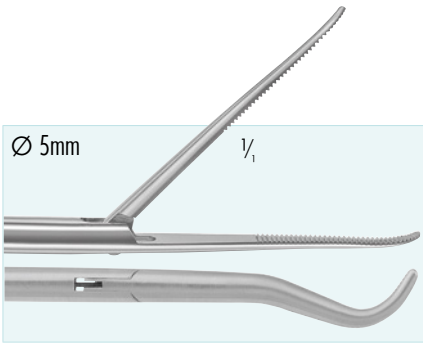
Ø 10 mm	300-400-286	300-430-286	300-440-286	300-460-286



1/1

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

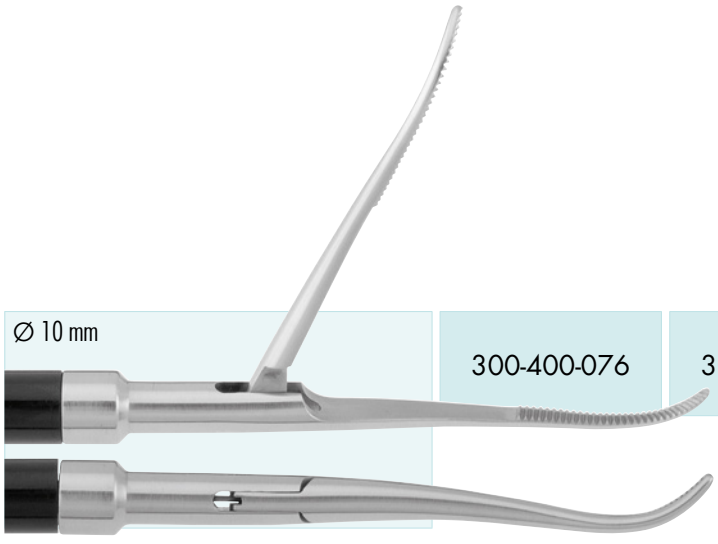
Ø 5mm	300-400-030	300-430-030	300-440-030	300-460-030



1/1

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

Ø 10 mm	300-400-076	300-430-076	300-440-076	300-460-076



1/1

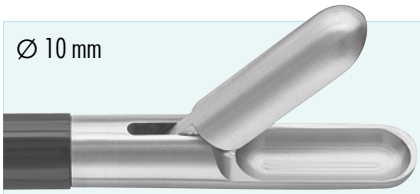
GEEGEE
Dissector and grasping forceps with fine jaws, strongly curved and fine serration, **single action**, Ø 10 mm, 330 mm


Complete Instrument with handle 300-750-003


Complete Instrument with handle 300-750-103

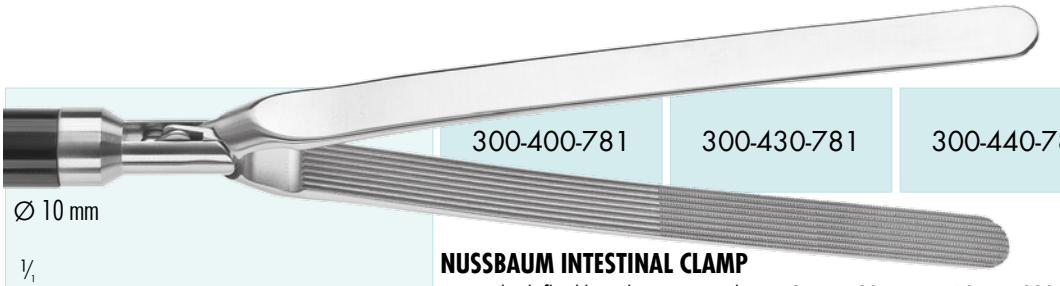

Complete Instrument with handle 300-750-105

	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103	Complete Instrument with handle 300-750-105
Ø 10 mm	300-400-720*	300-430-720	300-440-720*	300-460-720*


1/1

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

Ø 10 mm	300-400-781	300-430-781	300-440-781	300-460-781


1/1

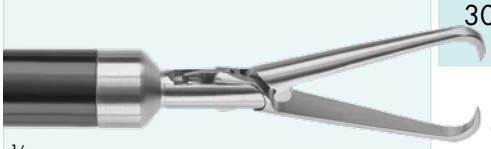
NUSSBAUM INTESTINAL CLAMP
Longitudinal, flexible and cross-serrated jaws, 8 mm x 90 mm, Ø 10 mm, 330 mm

Ø 5mm 1/1	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

Ø 10 mm	300-400-753*	300-430-753	300-440-753*	300-460-753*


1/1

TENACULUM FORCEPS
35mm long jaws, double action, Ø 10 mm, 330 mm

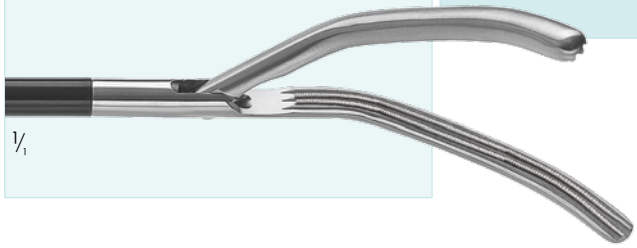
Ø 5mm 1/1	300-400-751*	300-430-751	300-440-751*	300-460-751*



TENACULUM FORCEPS
35mm long jaws, double action, Ø 5mm, 330 mm



	insert only	Complete Instrument with handle 300-750-015
Ø 5mm	300-400-200*	300-490-200



1/1

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

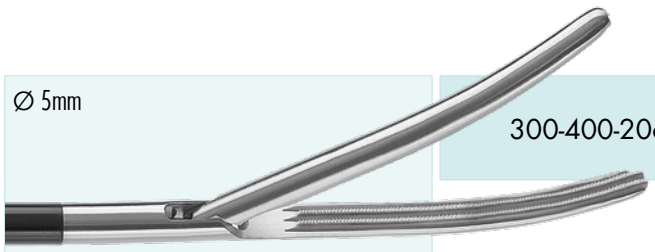
Ø 5mm	300-400-202	300-490-202



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



Complete Instrument
with handle 300-750-015

	insert only	Complete Instrument with handle 300-750-015
Ø 5mm	300-400-204	300-490-204



1/1

CRAFOORD
Thorax clamp, 35mm atraumatic jaws, Ø 5mm, 330 mm

Ø 5mm	300-400-220*	300-490-220



1/1

DEBAKEY
Pulmonary atraumatic Clamp, curved shape, Ø 5mm, 330 mm

Ø 5mm	300-400-221	300-490-221



1/1

DEBAKEY
Pulmonary atraumatic Clamp, s-shaped, Ø 5mm, 330 mm



Complete Instrument
with handle 300-750-001



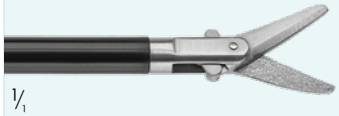
Complete Instrument
with handle 300-750-101

	insert only	Complete Instrument with handle 300-750-001	Complete Instrument with handle 300-750-101
Ø 5mm  1/1	300-400-067*	300-410-067	300-420-067*

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

Ø 5mm  1/1	300-400-069*	300-410-069	300-420-069*

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

Ø 5mm  1/1	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

Ø 5mm  1/1	300-400-168	300-410-168	300-420-168

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



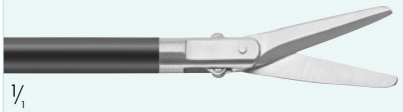
Complete Instrument
with handle 300-750-001



Complete Instrument
with handle 300-750-101

	insert only	Complete Instrument with handle 300-750-001	Complete Instrument with handle 300-750-101
Ø 5mm  1/1	300-400-072*	300-410-072	300-420-072*

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

Ø 5mm  1/1	300-400-070*	300-410-070	300-420-070*

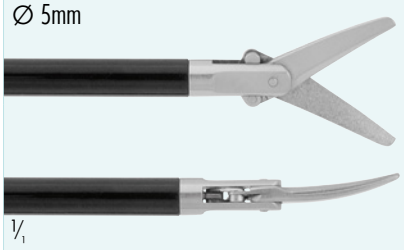
METZENBAUM
Scissors, long blades (18 mm), slightly curved, double action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-400-068*	300-410-068	300-420-068*

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

Ø 5mm 	300-400-071	300-410-071	300-420-071

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

Ø 5mm  1/1	300-400-169	300-410-169	300-420-169

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



Complete Instrument
with handle 300-750-001



Complete Instrument
with handle 300-750-101

	insert only	Complete Instrument with handle 300-750-001	Complete Instrument with handle 300-750-101
Ø 5mm  1/1	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

Ø 5mm  1/1	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

Ø 5mm  1/1	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

Ø 5mm  1/1	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



Complete Instrument
with handle 300-750-001



Complete Instrument
with handle 300-750-101

	insert only	Complete Instrument with handle 300-750-001	Complete Instrument with handle 300-750-101
Ø 5mm  1/1	300-400-173	300-410-173	300-420-173

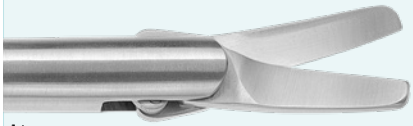
METZENBAUM TC
TC Scissors, medium blades (15mm), curved, double action, Ø 5mm, 330 mm

Ø 5mm  1/1	300-400-065	300-410-064	300-420-064

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

Ø 5mm  1/1	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

Ø 10 mm  1/1	300-400-056	300-410-056	300-420-056

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



Complete Instrument
with handle 300-750-001



Complete Instrument
with handle 300-750-101

	insert only	Complete Instrument with handle 300-750-001	Complete Instrument with handle 300-750-101
∅ 5mm  1/1	300-400-063	300-410-063	300-420-063

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

∅ 5mm  1/1	300-400-060*	300-410-060	300-420-060*

HOOK
Scissors with round cutting blades, single action, ∅ 5mm, 330 mm

∅ 5mm  1/1	300-400-062	300-410-062	300-420-062

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

	insert only	 Complete Instrument with handle 300-750-001	 Complete Instrument with handle 300-750-101
∅ 5mm  1/1	300-400-570	300-410-570	300-420-570

MICRO
Scissors with straight sharp blades, single action, ∅ 5mm, 330 mm

∅ 5mm  1/1	300-400-571	300-410-571	300-420-571

MICRO
Scissors with curved sharp blades, single action, ∅ 5mm, 330 mm

∅ 5mm  1/1	300-400-572	300-410-572	300-420-572

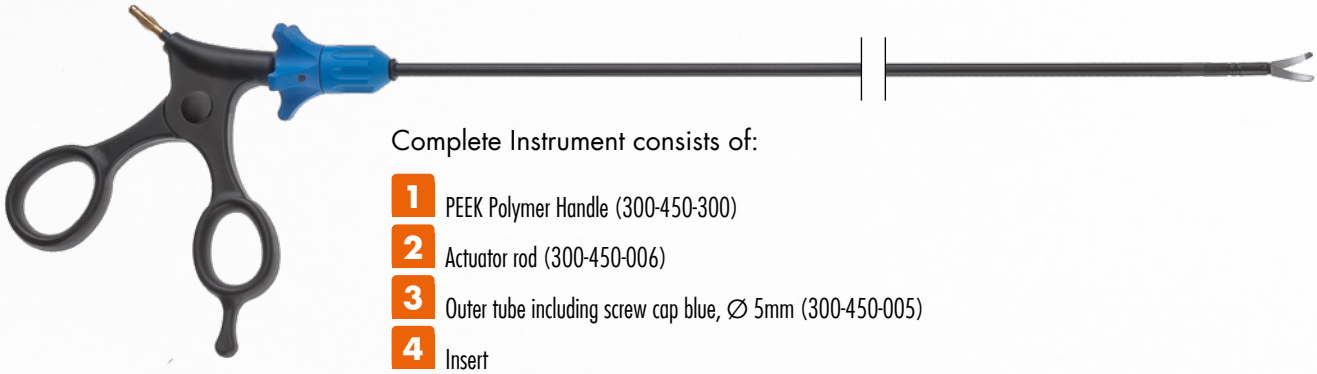
MICRO
Scissors with curved sharp blades, double action, ∅ 5mm, 330 mm



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, ∅ 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)



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

CHOLANGIOGRAPHY SYSTEM



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



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

1/1



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





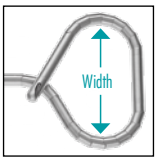
Carbon handle with overload protection



Atraumatic segments, jamming is prevented



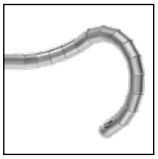
The nitinol wire straightens the working end to allow easy introduction and extraction



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

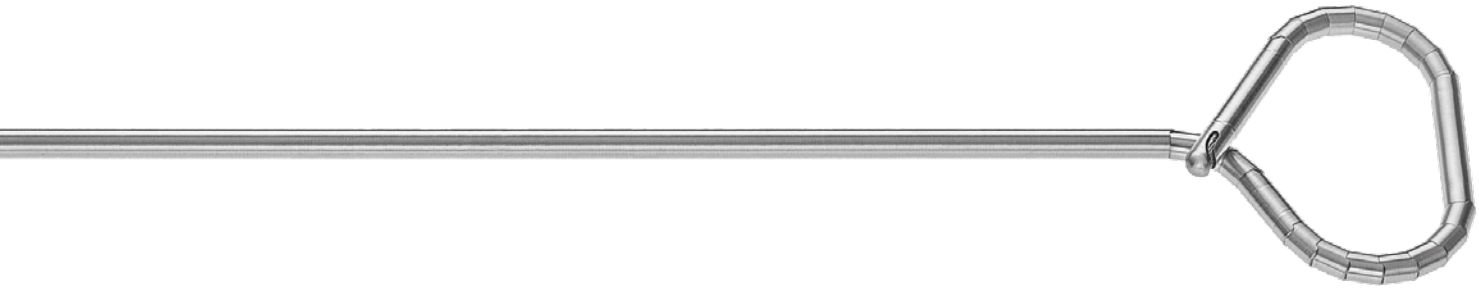
30° angled	Width	Working length	
	60mm	330mm	300-072-000*
	60mm	450mm	300-072-450
	80mm	330mm	300-073-000*
	80mm	450mm	300-073-450*

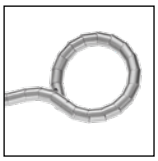


HOOK

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

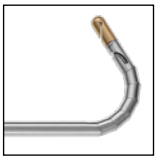
45° angled	Shape	Working length	
	Curved right	340mm	300-075-101
	Curved left	340mm	300-075-102





CIRCLE

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



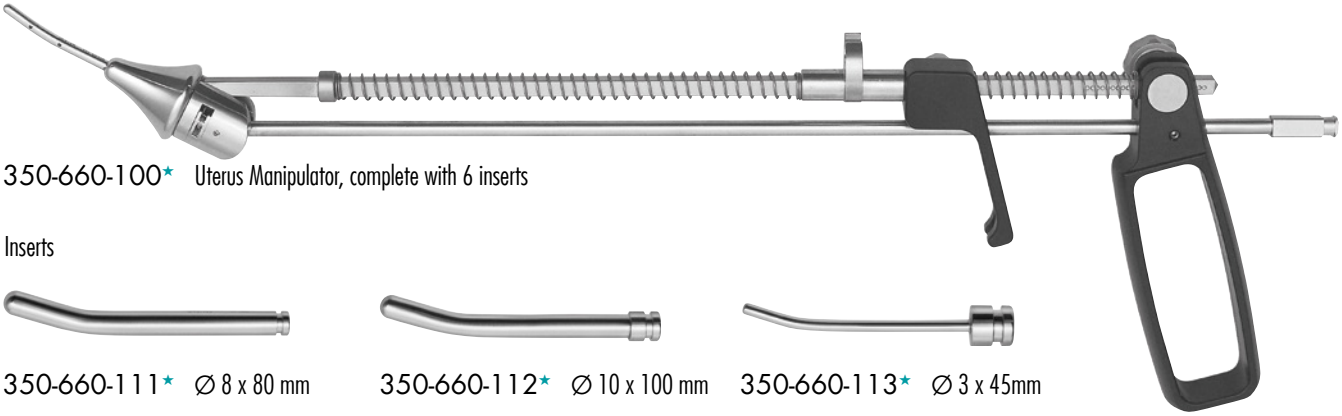
BAND-PASSER

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* ∅ 8 x 80 mm

350-660-112* ∅ 10 x 100 mm

350-660-113* ∅ 3 x 45mm



350-660-114* ∅ 3 x 55mm



350-660-115* ∅ 3.2 x 35mm



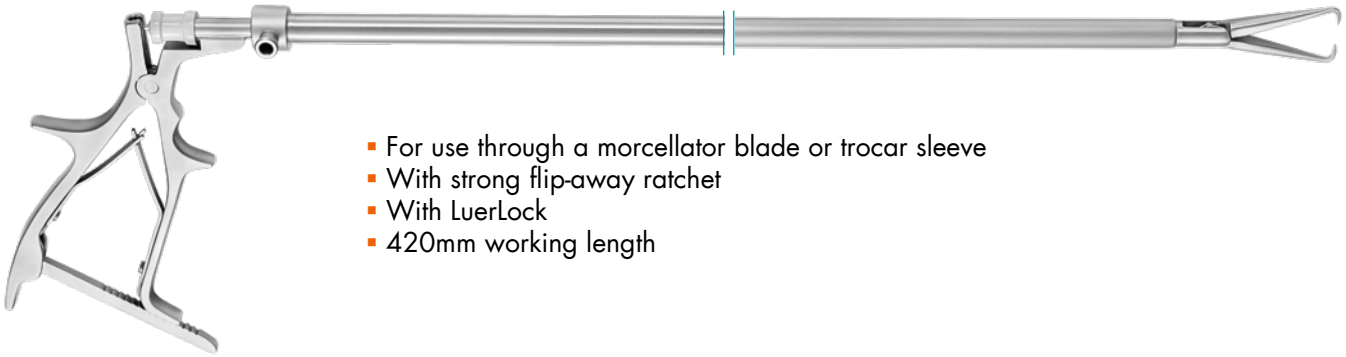
350-660-116* ∅ 3.2 x 45mm



COHEN

Self retaining Cannula complete with 2 interchangeable acorns
350-750-000*

Acorn only
350-750-002 large
350-750-001 small



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



300-110-714
Tenaculum Forceps, ∅10mm



300-110-711
Claw Forceps, ∅10mm



300-110-715
Tenaculum Forceps, ∅5mm



MANGESHIKAR
Uterus Manipulator, complete set
350-740-000

Set consisting of:



Universal Handle, rotatable
350-740-001



Shaft with fixation nut
350-740-002



Inner shaft with locking pin
350-740-003



Cervical Tenaculum
350-740-008



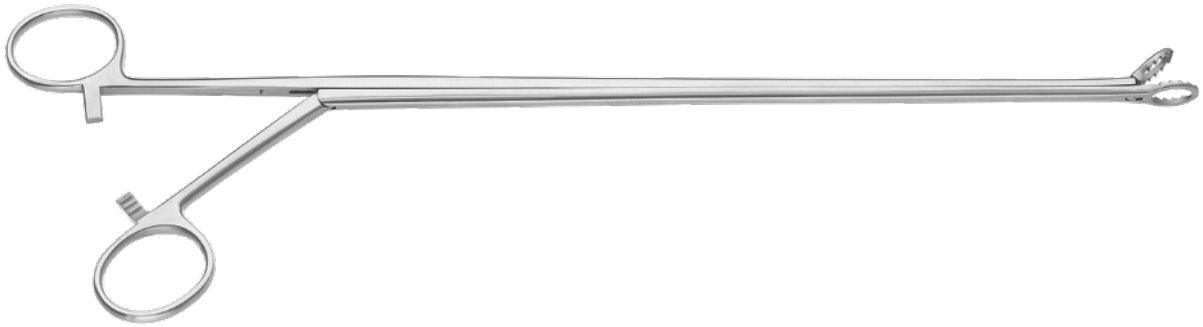
Sliding and fixation shaft
350-740-004



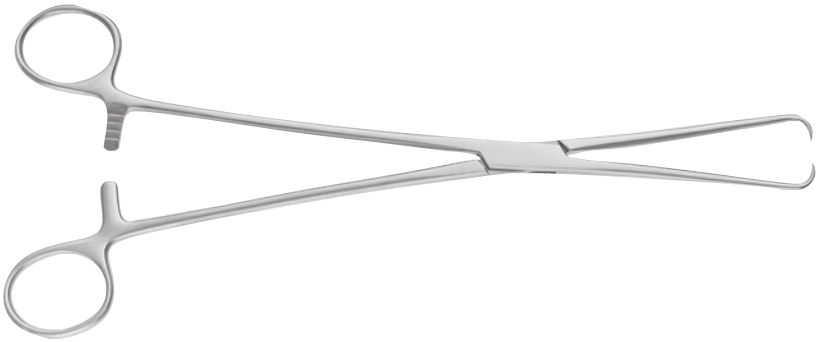
Tube with insulation ring
350-740-005 35mm
350-740-006 40mm
350-740-007 45mm



Intrauterus tip insert
350-740-040 4x40mm
350-740-050 5x50mm
350-740-060 6x60mm
350-740-070 7x70mm
350-740-080 8x80mm



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

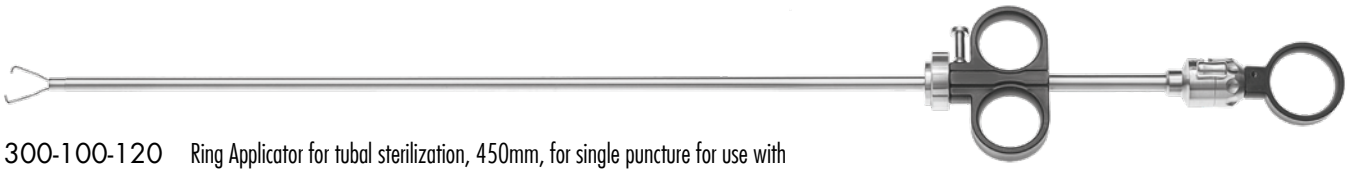


350-400-250* **SCHROEDER** tenaculum forceps

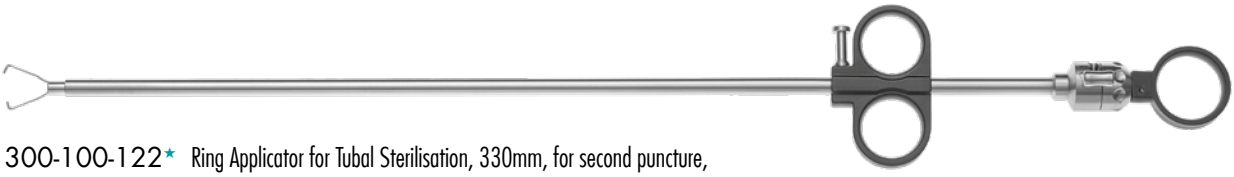


Myoma screw
300-032-015* ∅ 5mm, 330mm working length
300-042-005 ∅ 5mm, 420mm working length
300-033-010 ∅ 10mm, 330mm working length
300-042-010 ∅ 10mm, 420mm working length

RZ RING APPLICATORS



300-100-120 Ring Applicator for tubal sterilization, 450mm, for single puncture for use with operating Laparoscopes with ∅ 6mm instrument channels (300-099-006).



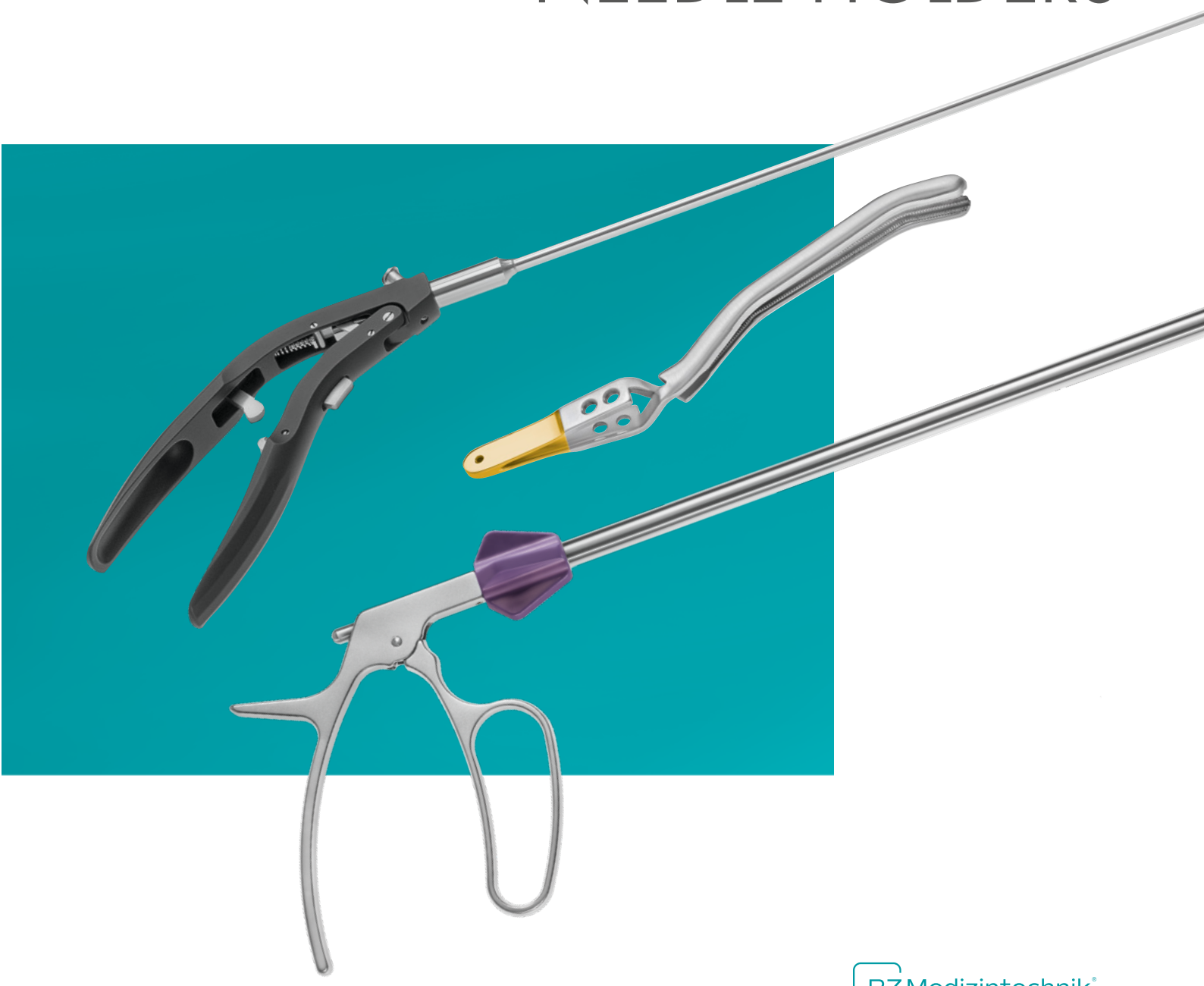
300-100-122* Ring Applicator for Tubal Sterilisation, 330mm, for second puncture, for use with Trocar sleeves ∅ 7.0mm

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

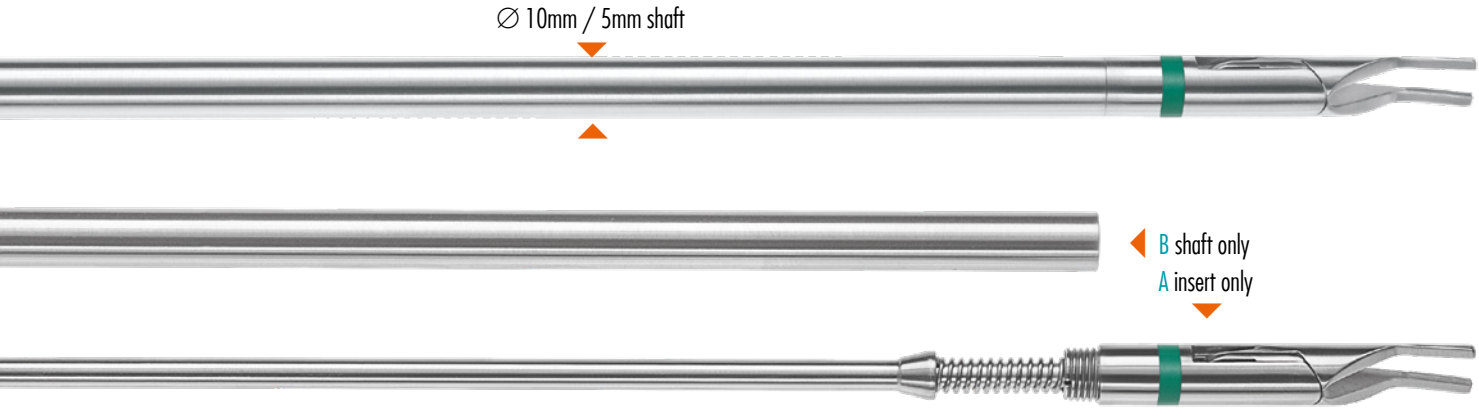


TYPE ETHICON, TITANIUM

	Size / color code	detachable, 330mm	A insert only, 330mm	B shaft only
∅ 5mm	S (blue)	300-810-001	300-810-101	300-830-005
∅ 5mm	M (white)	300-810-002	300-810-102	300-830-005
∅ 10mm	M/L (green)	300-810-004*	300-810-104	300-830-010
∅ 10mm	L (yellow)	300-810-006*	300-810-106	300-830-010

	Size / color code	detachable, 450mm	A insert only, 450mm	B shaft only
∅ 5mm	S (blue)	300-810-401	300-810-501	300-830-405
∅ 5mm	M (white)	300-810-402	300-810-502	300-830-405
∅ 10mm	M/L (green)	300-810-404	300-810-504	300-830-410
∅ 10mm	L (yellow)	300-810-406	300-810-506	300-830-410

	Size / color code	non detachable, 330mm	non detachable, 450mm
∅ 5mm	S (blue)	300-800-001	300-800-401
∅ 5mm	M (white)	300-800-002	300-800-402
∅ 10mm	M/L (green)	300-800-004*	300-800-404
∅ 10mm	L (yellow)	300-800-006*	300-800-406





TYPE HORIZON, TITANIUM

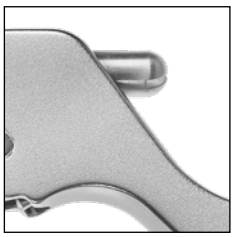
	Size / color code	detachable, 330mm	A insert only, 330mm	B shaft only
∅ 5mm	S (yellow)	300-810-011	300-810-111	300-830-005
∅ 5mm	M (blue)	300-810-012	300-810-112	300-830-005
∅ 10mm	M/L (green)	300-810-014	300-810-114	300-830-010
∅ 10mm	L (orange)	300-810-016	300-810-116	300-830-010

	Size / color code	detachable, 450mm	A insert only, 450mm	B shaft only
∅ 5mm	S (yellow)	300-810-411	300-810-511	300-830-405
∅ 5mm	M (blue)	300-810-412	300-810-512	300-830-405
∅ 10mm	M/L (green)	300-810-414	300-810-514	300-830-410
∅ 10mm	L (orange)	300-810-416	300-810-516	300-830-410

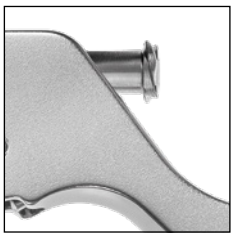
	Size / color code	non detachable, 330mm	non detachable, 450mm
∅ 5mm	S (yellow)	300-800-011	300-800-411
∅ 5mm	M (blue)	300-800-012	300-800-412
∅ 10mm	M/L (green)	300-800-014	300-800-414
∅ 10mm	L (orange)	300-800-016	300-800-416



Titan Clips, Ethicon and Horizon type



Detachable Forceps without LuerLock



Non-detachable Forceps with LuerLock

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

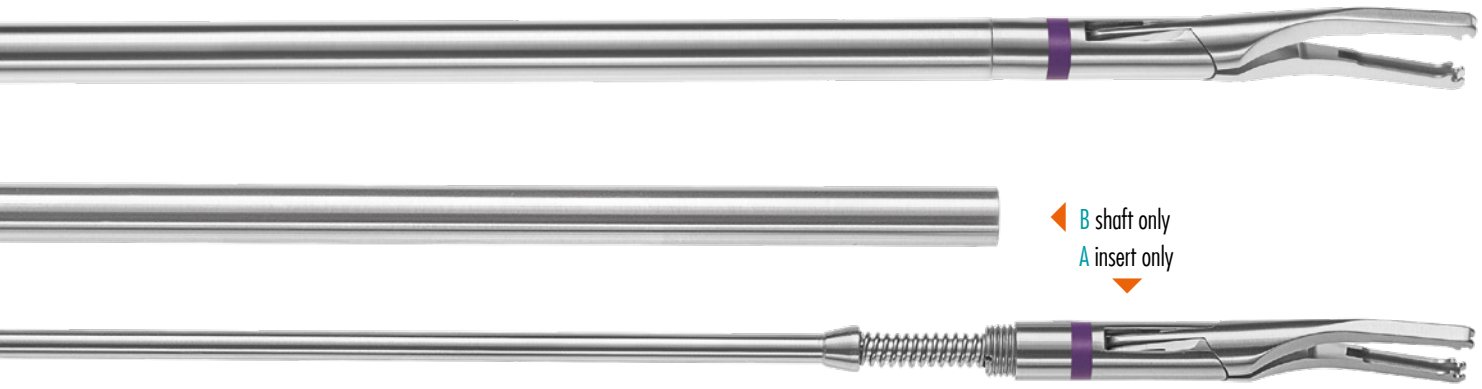
Size / color code	detachable, 330mm	A insert only, 330mm	B shaft only
L (purple)	300-830-013	300-830-113	300-830-010
XL (yellow)	300-830-014	300-830-114	300-830-010

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





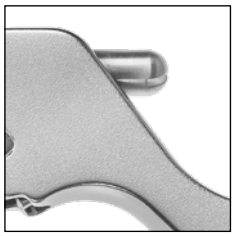
Polymer Clips
Applying Forceps

Ø 5mm SHAFT

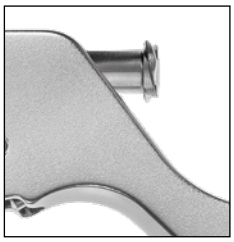
Size / color code	non-detachable, 330mm	non-detachable, 450mm
M (blue)	300-820-051	300-820-451
M/L (green)	300-820-052*	300-820-452*

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*

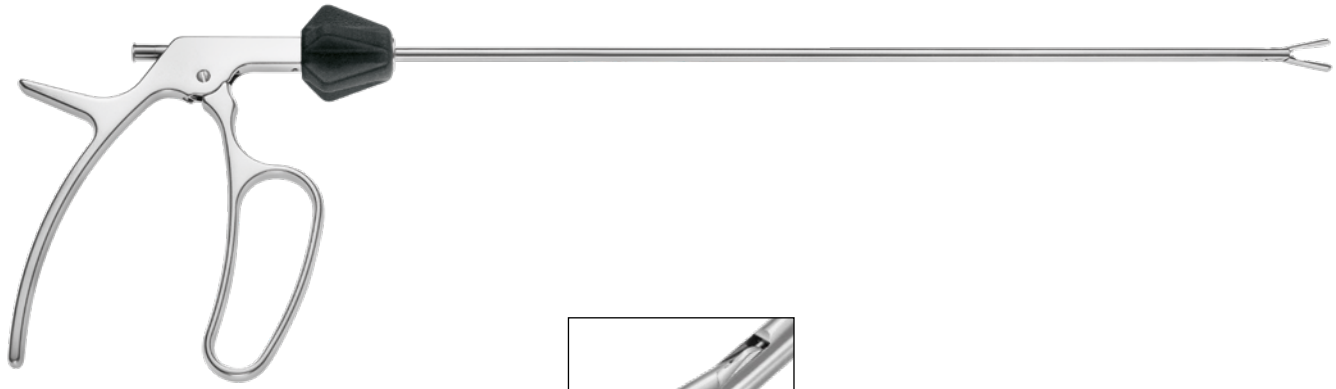


Detachable Forceps
without LuerLock



Non-detachable Forceps
with LuerLock

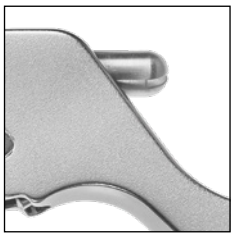
POLYMER CLIP REMOVING FORCEPS



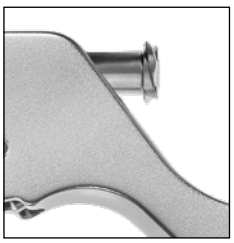




Polymer Clips
Removal Forceps



Detachable Forceps
without LuerLock



Non-detachable Forceps
with LuerLock

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

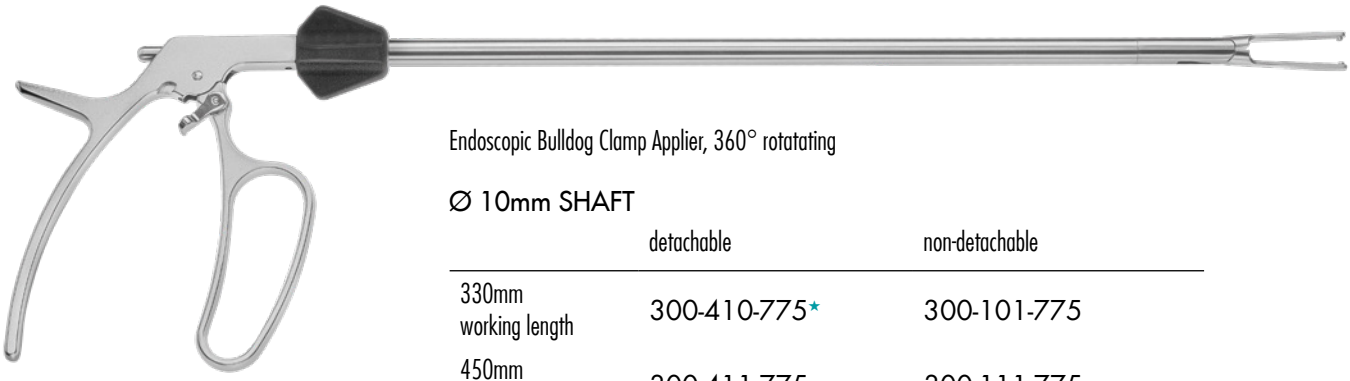
Ø 5mm SHAFT

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

ENDOSCOPIC BULLDOG CLAMP APPLIER



Endoscopic Bulldog Clamp Applier, 360° rotatating

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

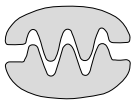
300-830-010 330 mm working length
300-830-410 450 mm working length



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 KLEIN 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)



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

KLEIN 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
∅ 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

Ti

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

Ti

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

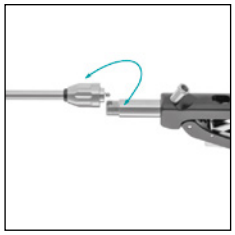


Applier recommendation:
300-101-775
300-410-775 (detachable)



DETACHABLE NEEDLE HOLDERS

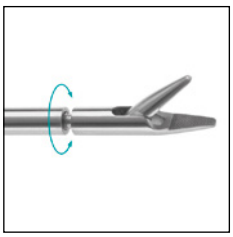
- Detachable 2- and 3-part system
- Easy cleaning
- Handle can be used with different inserts



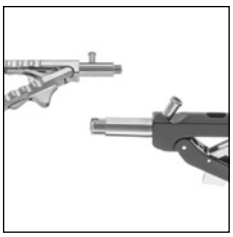
Detachable shaft from handle: convertible system, better cleaning possibilities



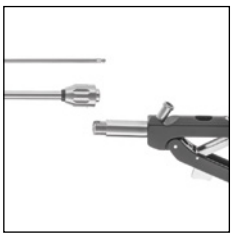
2-piece system:
An extra thin ∅ 3mm System with 250mm and 330mm length for Pediatric and Mini-Laparoscopy



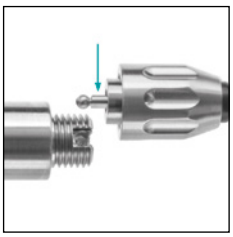
Secure screwing on the insert: Perfect fit of the insert and single cleaning
(only 3-piece system)



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

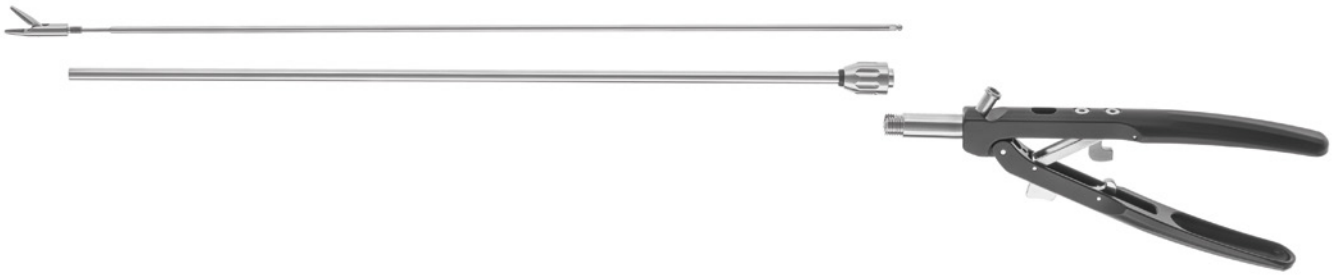


3-piece system:
Needle holder can be fitted with different shafts and inserts, different lenghts available



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

3-PIECE INSTRUMENT ∅ 5mm



	Insert only	Complete instrument  with axial handle	Complete instrument  with straight handle	Complete instrument  with angled ahndle
 Straight jaw, TC	330mm 300-405-130 450mm 300-406-130	300-480-630 300-480-730	300-480-130 300-480-230	300-480-160 300-480-260
 Left curved jaw, TC	330mm 300-405-140 450mm 300-406-140	300-480-640 300-480-740	300-480-140 300-480-240	300-480-170 300-480-270
 Right curved jaw, TC	330mm 300-405-141 450mm 300-406-141	300-480-641 300-480-741	300-480-141 300-480-241	300-480-171 300-480-271
 Diamond dusted jaw, self-aligning	330mm 300-405-142 450mm 300-406-142	300-480-642 300-480-742	300-480-142 300-480-242	300-480-172 300-480-272
 1x2 teeth jaw, TC	330mm 300-405-131 450mm 300-406-131	300-480-631 300-480-731	300-480-131 300-480-231	300-480-161 300-480-261

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 ∅ 3mm



		Insert and shaft	Complete instrument with straight handle	Complete instrument with angled ahndle
 Straight jaw	250mm	300-405-330	300-480-330	300-480-360
	330mm	300-404-330	300-480-530	300-480-560
 Left curved jaw	250mm	300-405-340	300-480-340	300-480-370
	330mm	300-404-340	300-480-540	300-480-570
 Right curved jaw	250mm	300-405-341	300-480-341	300-480-371
	330mm	300-404-341	300-480-541	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



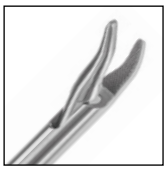
Rubber sealing cap included



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

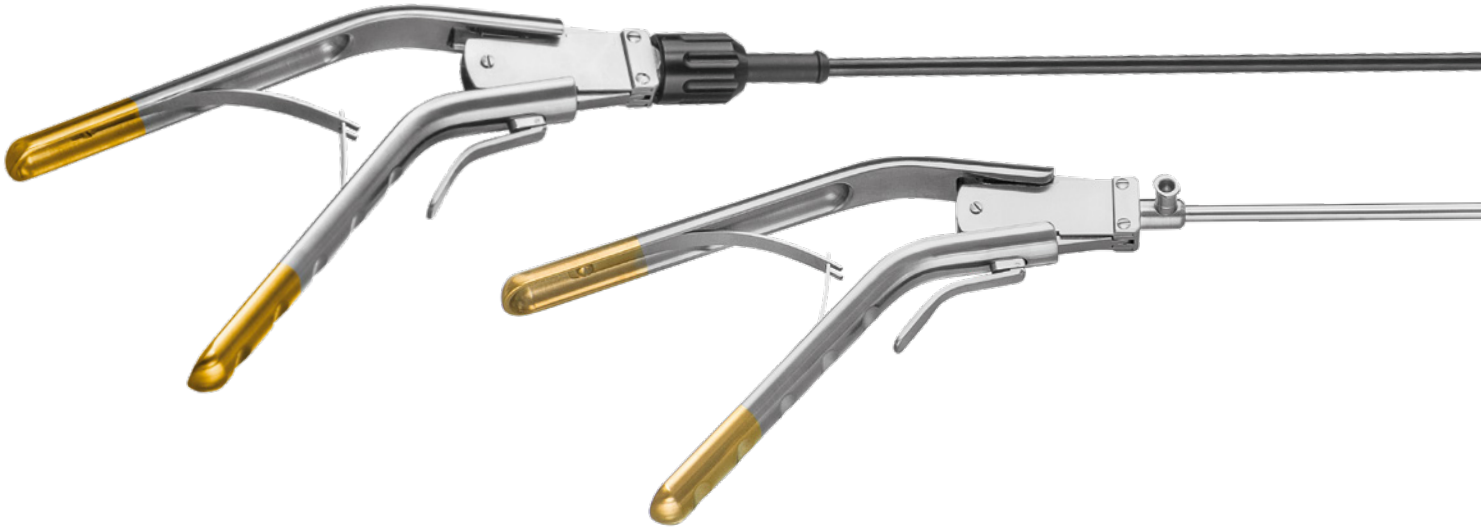
300-100-694*	right curved	330mm	serration TC
300-100-695*	straight	330mm	serration TC
300-100-696*	left curved	330mm	serration TC
300-100-697	straight	450mm	serration TC
300-100-698	left curved	450mm	serration TC
300-100-699	right curved	450mm	serration TC
300-100-702	straight	330mm	diamond dusted
300-100-703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





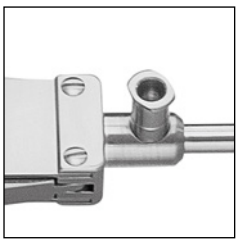
Ergonomic axial handle design
for effortless working



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

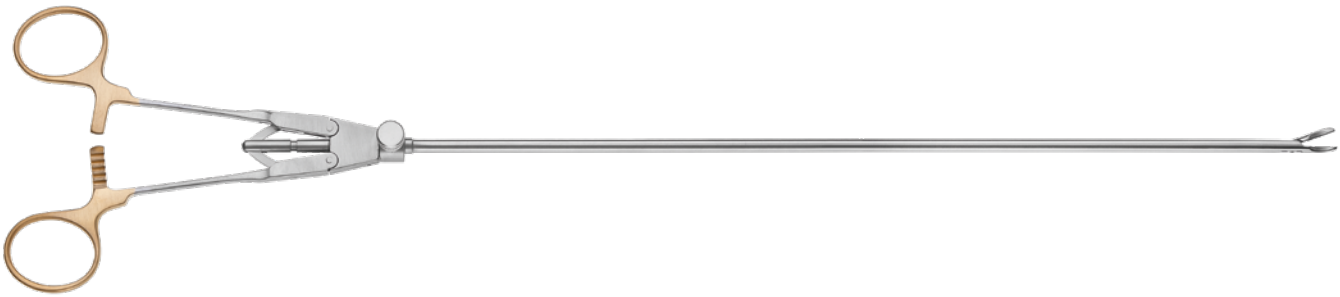
300-303-001	straight	TC serrated	330mm
300-303-101	left curved	TC serrated	330mm
300-303-201	right curved	TC serrated	330mm
300-303-501	convex/concave	toothed	330mm

Ø 3mm SINGLE-PIECE

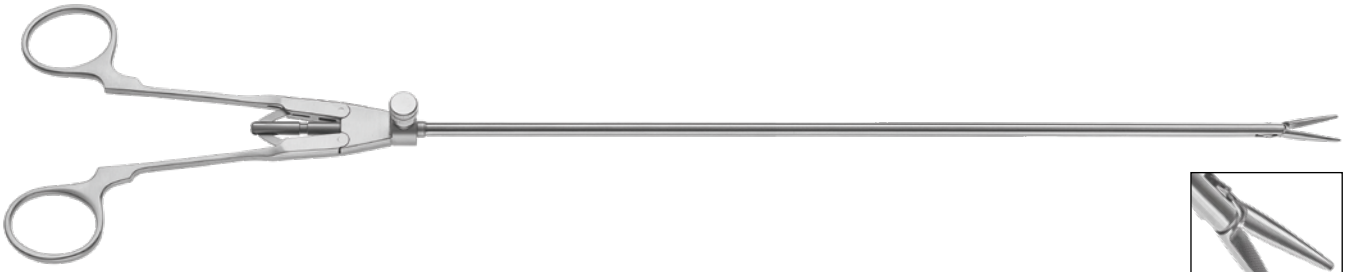
300-303-000	straight	TC serrated	330mm
300-303-100	left curved	TC serrated	330mm
300-303-200	right curved	TC serrated	330mm
300-303-500	convex/concave	toothed	330mm

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



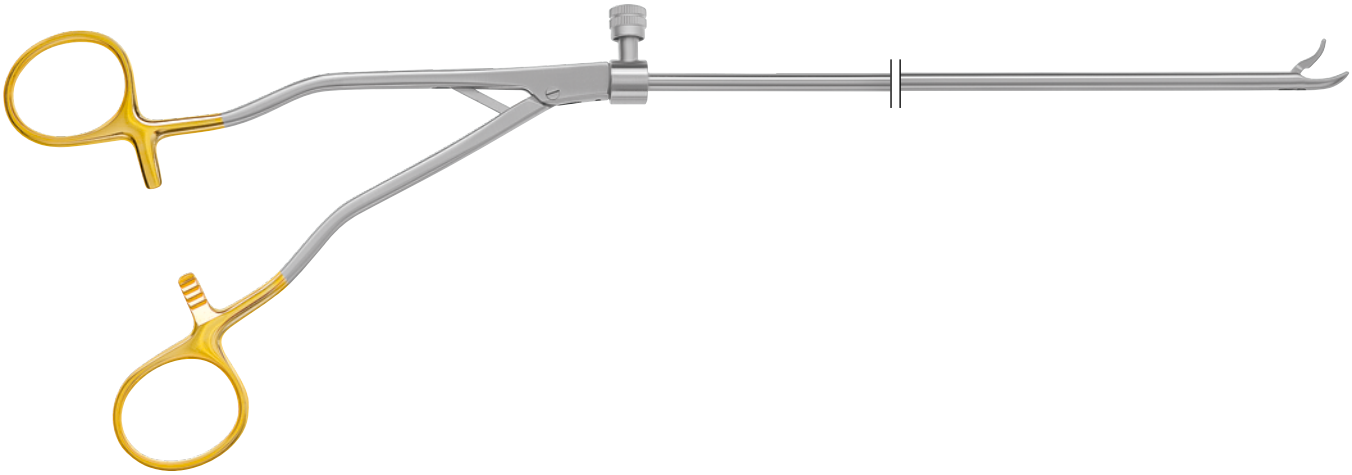
		330mm	450mm
	Curved left	300-101-588*	300-101-589
	Curved right	300-101-592	300-101-599
	Straight jaw	300-101-594*	
	Bullnose, straight jaw	300-101-596*	



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

ROMEO 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, detacheable
Cleaning	LuerLock flush port

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

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





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

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



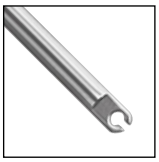
300-151-100 Rainer Fascia Suturing Device, ∅ 2.3mm, 140mm working length



KNOT TIERS

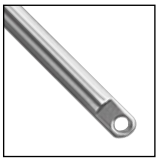


Classic knot tier with slit and eye for extra corporal knotting, ∅ 4 mm
300-030-001* 330 mm working length
300-030-003 450 mm working length



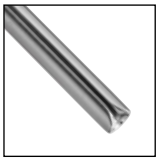


Knot tier with eye for extra corporal knotting, ∅ 4 mm
300-030-004 330 mm working length
300-030-006 450 mm working length





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





300-012-405* Reducer Sleeve, ∅ 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

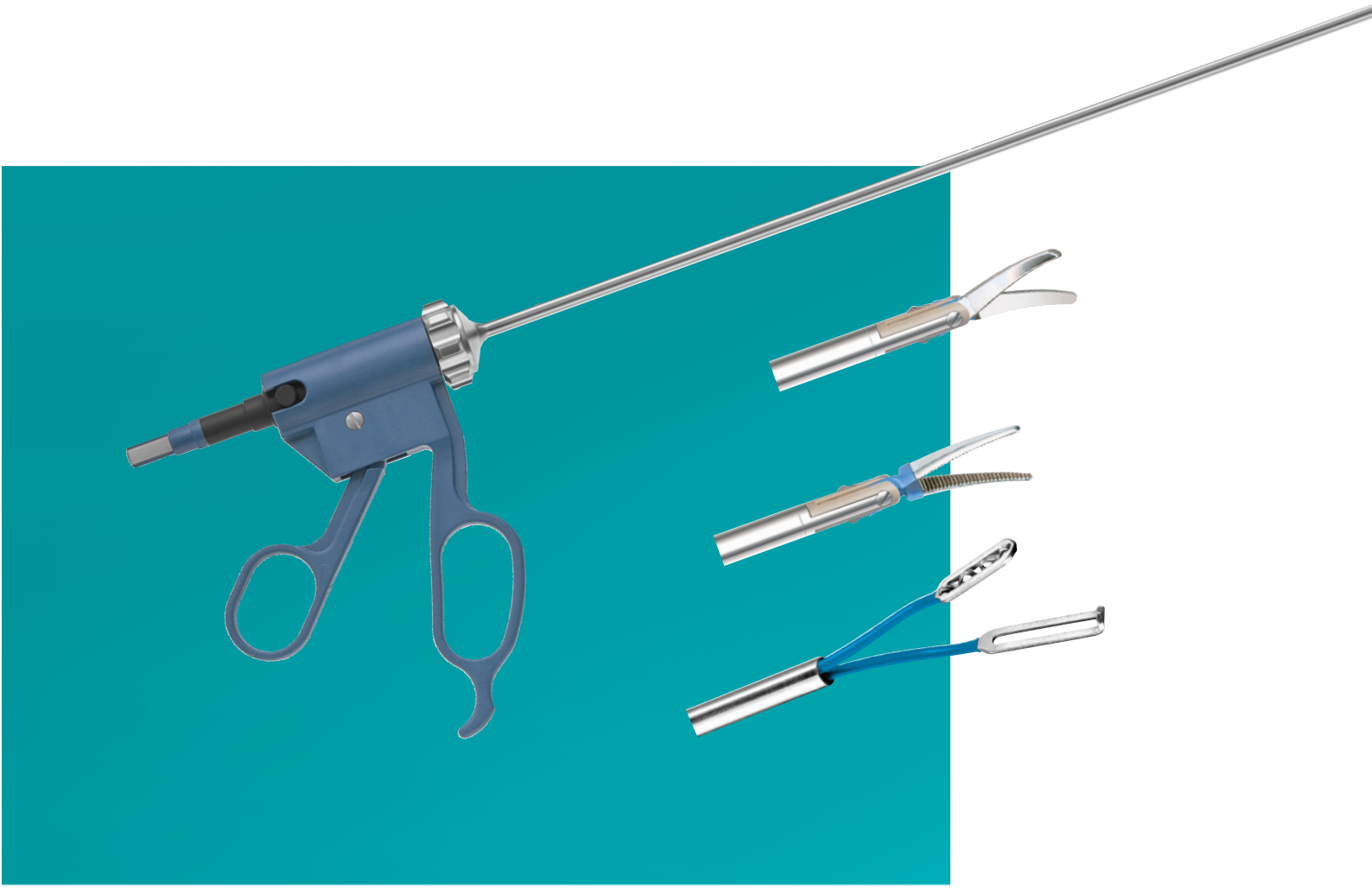


300-750-101 Carbon Fiber Handle, HF-connection



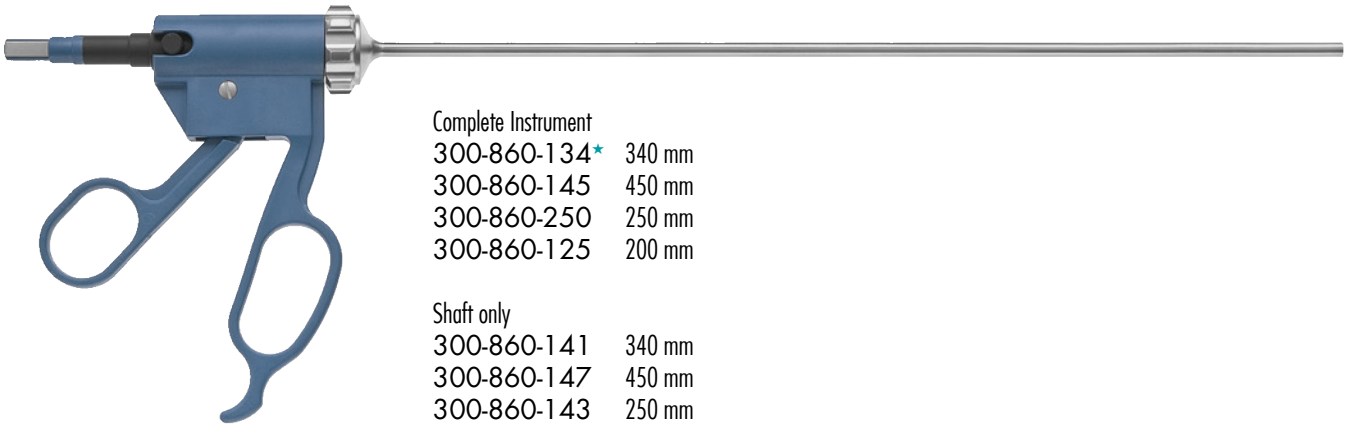
300-750-105 Carbon Fiber Handle, hook up ratchet, HF-connection

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

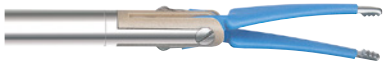
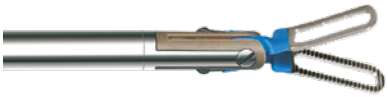
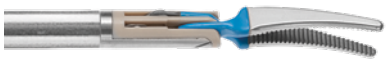
Shaft only

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

Handle only, with adjustment (rotating stop)
300-860-500

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*
	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

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



300-867-100 Handle with flat plug



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

	Grasping Foreceps, fenestrated	300-867-529 300-867-520	290mm 200mm
	Maryland Forceps, curved	300-867-629 300-867-620	290 mm 200 mm
	Micro Forceps	300-867-729 300-867-720	290 mm 200 mm

BIPOLAR FORCEPS SYSTEM, ∅ 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, max 1 kVp

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

MICRO BIPOLAR SYSTEM, ∅ 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, ∅ 3mm

300-857-205
Cable only for 300-857-100, max 1 kVp

Electrode Inserts

	Micro Electrode, rippled bar	300-857-111
	Micro Electrode, fluted tip, 1mm	300-857-112



Bipolar Micro Electrodes, 3 mm

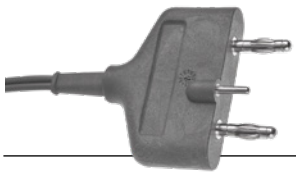
	Bipolar L-Hook	300-857-301
	Bipolar V-Hook	300-857-302
	Bipolar Needle	300-857-303

BIPOLAR CABLES

max. 1 kVpw






		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

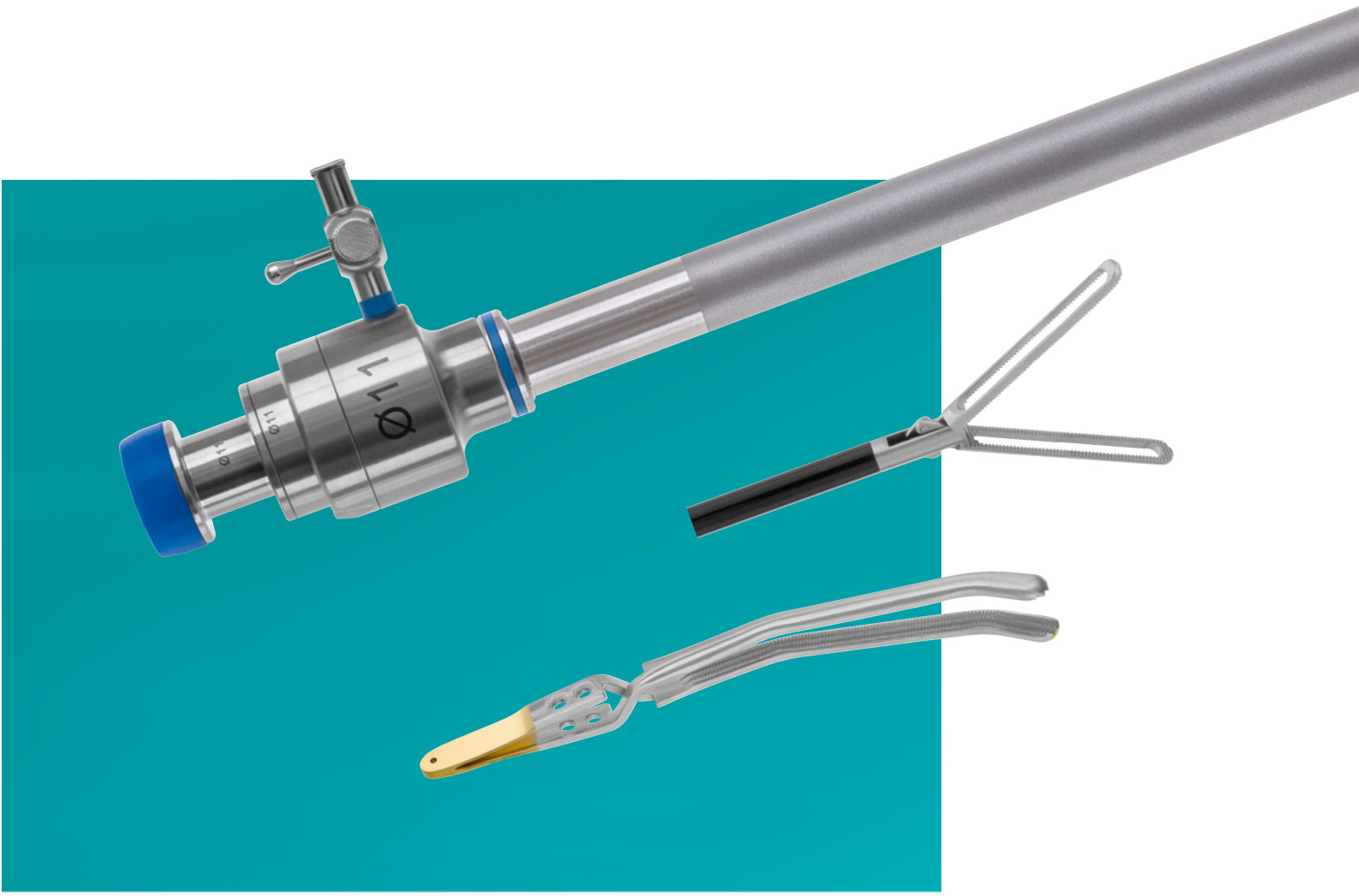

Karl Storz plug

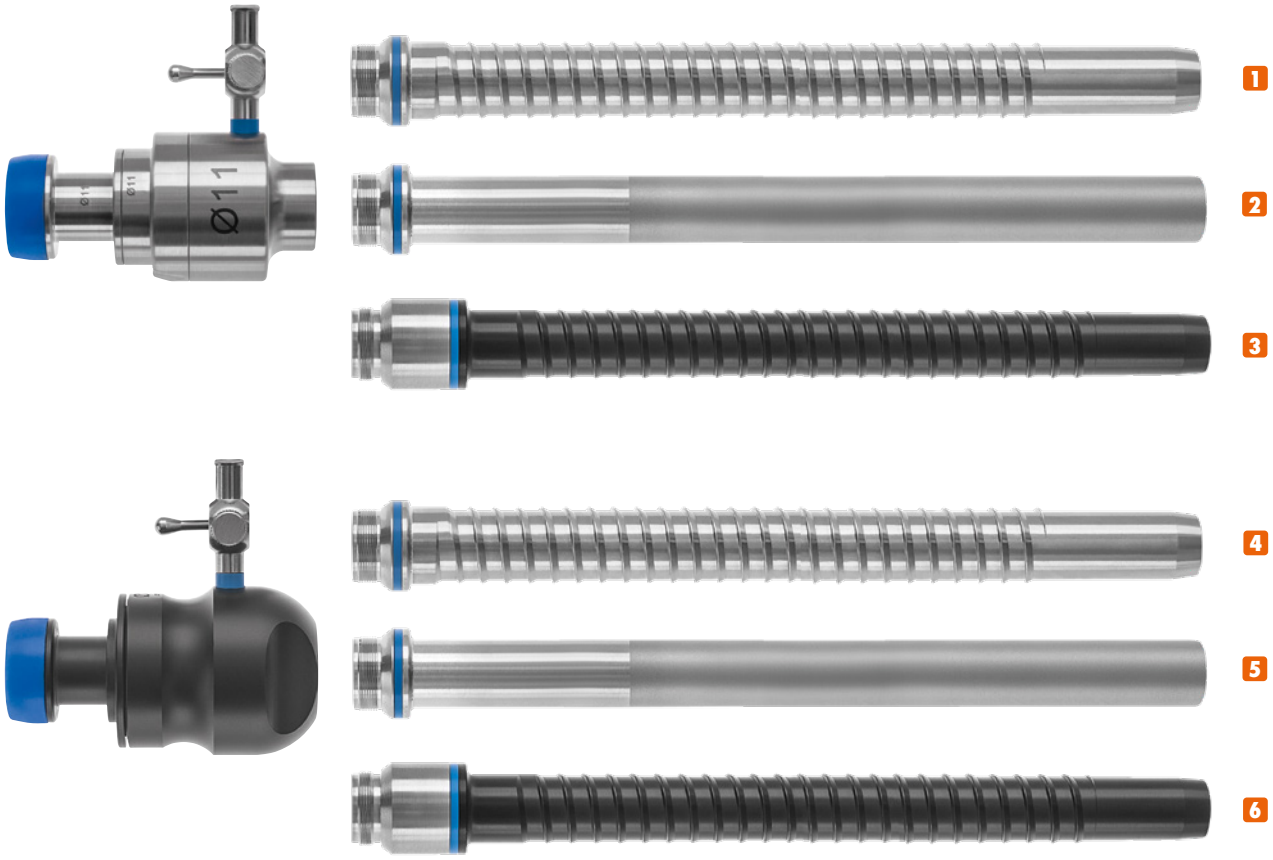

Ethicon Scissors plug


Aesculap Plug

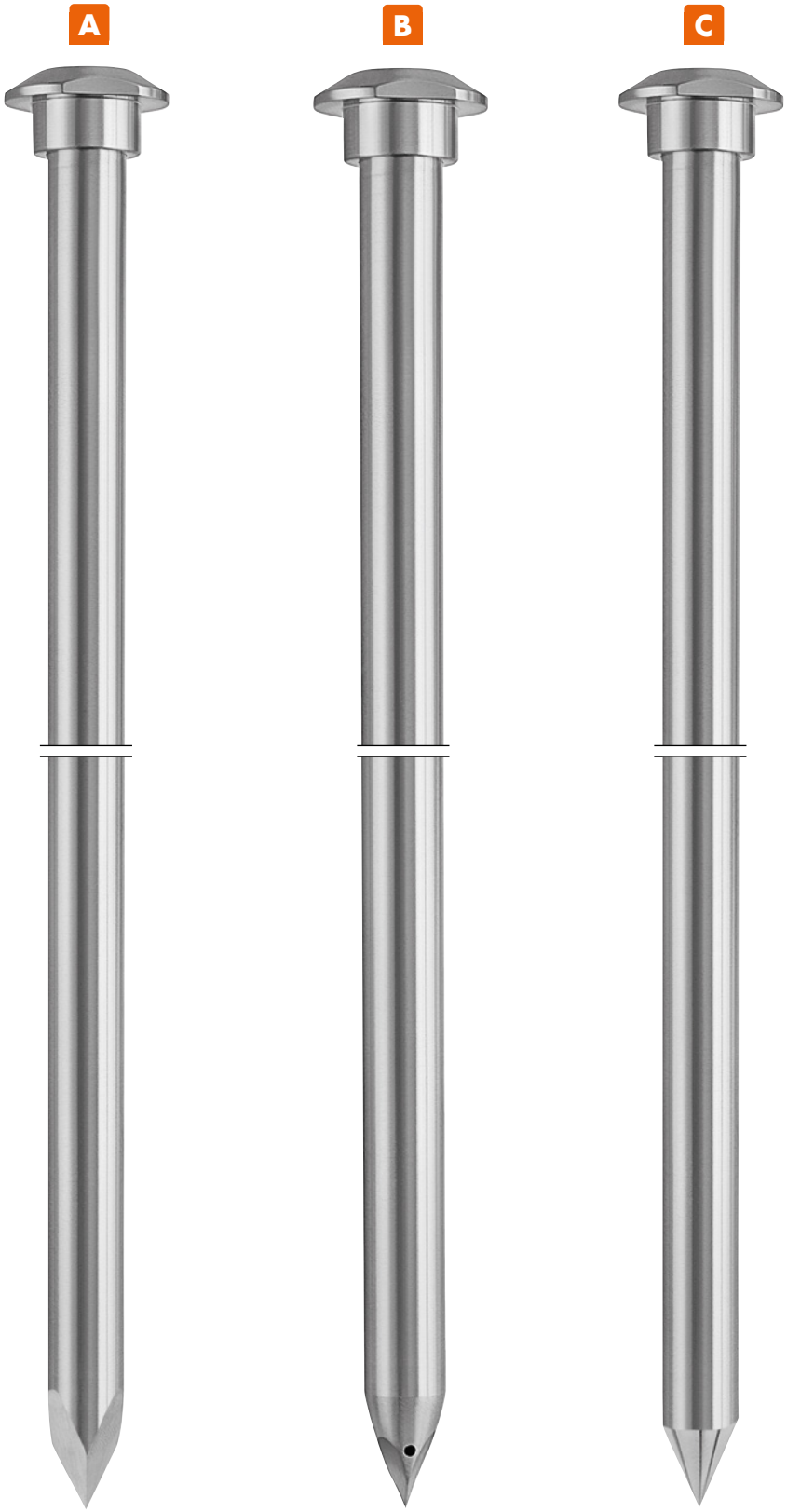
700-345-403	700-345-003	700-739-003	700-630-003	700-351-047	700-351-053	700-200-030
700-345-405	700-345-005	700-739-005		700-351-048	700-351-055	700-200-050
700-101-230		700-100-202	700-100-104	700-100-302	700-100-402	700-100-502
700-101-250		700-100-303	700-100-105	700-100-305	700-100-405	700-100-505
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





XL Valve, 150mm working length	Ø 5.5mm	Ø 11mm	Ø 13mm
1 MultiPort Valve, Stainless steel sleeve, thread	300-221-155	300-221-111	300-221-113
2 MultiPort Valve, Stainless steel sleeve	300-220-155	300-220-111	300-220-113
3 MultiPort Valve, Sythetic sleeve, thread	300-224-155	300-224-111	300-224-113
4 SiliPort Valve, Stainless steel sleeve, thread	300-231-155	300-231-111	300-231-113
5 SiliPort Valve, Stainless steel sleeve	300-230-155	300-230-111	300-230-113
6 SiliPort Valve, Sythetic sleeve, thread	300-234-155	300-234-111	300-234-113
1 4 Spare Sleeve	300-221-355	300-221-311	300-221-313
2 5 Spare Sleeve	300-220-355	300-220-311	300-220-313
3 6 Spare Sleeve	300-234-355	300-234-311	300-234-313



A

With pyramidal tip, reusable, cutting
150mm working length

300-241-155 ∅ 5.5mm
300-241-111 ∅ 11.0mm
300-241-113 ∅ 13.0mm

B

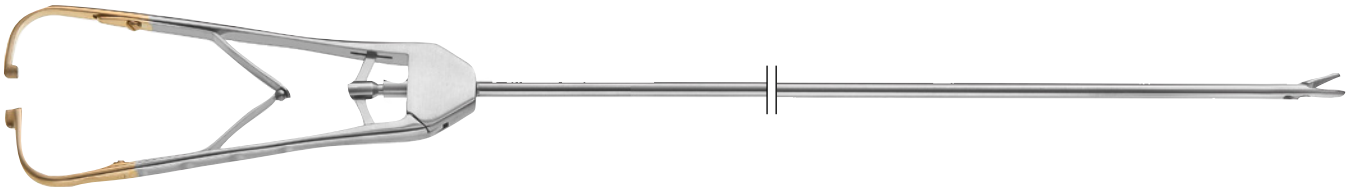
Cannulated with hole, pyramidal tip
150mm working length

300-244-155 ∅ 5.5mm
300-244-111 ∅ 11.0mm
300-244-113 ∅ 13.0mm

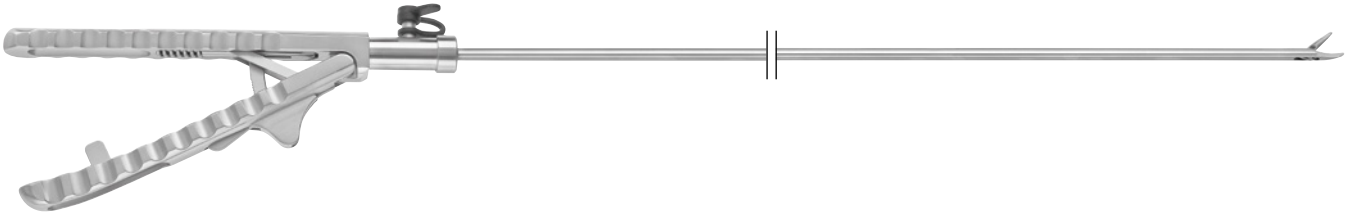
C

With conical tip, reusable, cutting
150mm working length

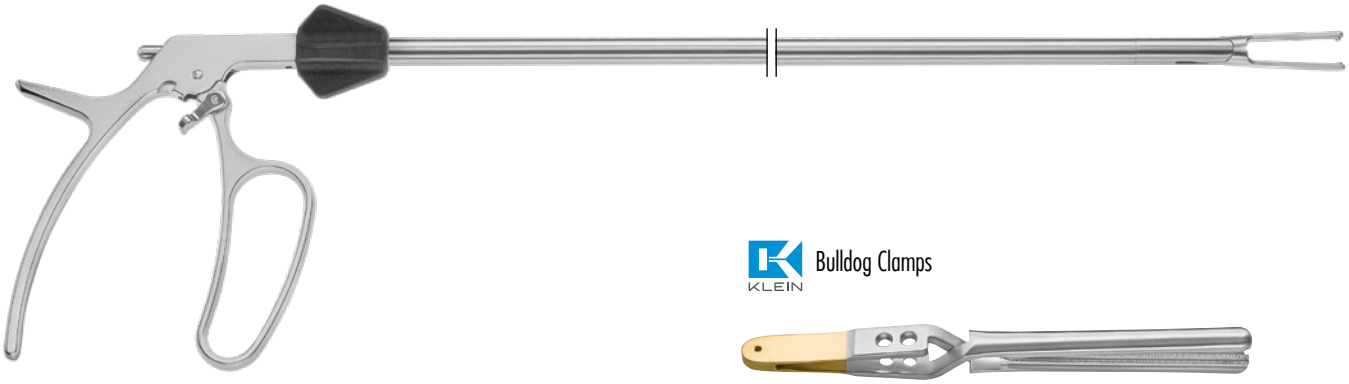
300-240-155 ∅ 5.5mm
300-240-111 ∅ 11.0mm
300-240-113 ∅ 13.0mm



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



Endoscopic TC needle holder, strong axial handle, automatic locking mechanism, ∅ 5mm, 450 mm working length
300-100-697 straight jaw
300-100-698 left curved jaw



300-111-775 Endoscopic Bulldog Clamp Applier, detachable, ∅ 10mm, 360°rotatating, 450mm working lenth

KLEIN Bulldog Clamps

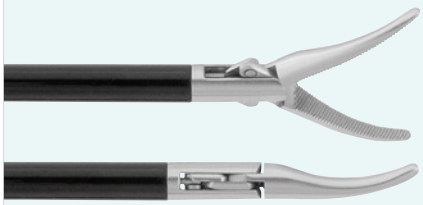
300-100-772 60 mm jaws
Endoscopic Bulldog Clamp for bowel surgery, straight, with DeBakey serration



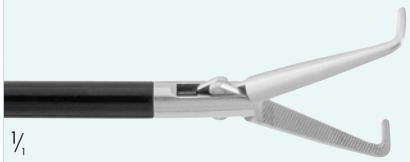
300-100-786 60 mm jaws
Endoscopic Satinsky Bulldog Clamp, with DeBakey serration, to be used with 12.5mm trocar system



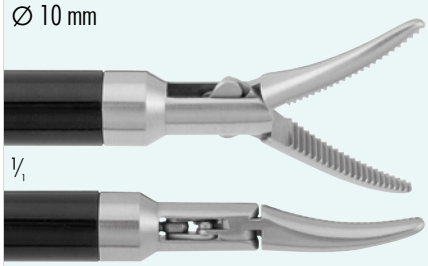
300-100-789 60 mm jaws
Endoscopic Satinsky Bulldog Clamp, curved, with atraumatic DeBakey serration, to be used with 12.5mm trocar system

	insert only	 Complete Instrument with handle 300-750-001	 Complete Instrument with handle 300-750-101
Ø 5mm 	300-401-732	300-411-732	300-421-732

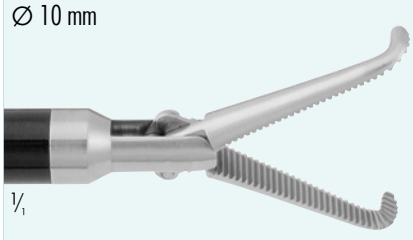
KELLY
Dissecting forceps curved, fine-tapered, cross-serrated jaws with wide opening, double action, Ø 5mm, 450 mm

Ø 5mm  1/1	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  1/1	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  1/1	300-401-739	300-411-739	300-421-739

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

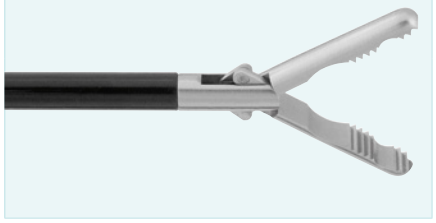
Ø 5mm  1/1	300-401-025	300-411-025	300-421-025

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
∅ 5mm	300-401-015	300-431-015	300-441-015



FUNDUS
Grasping forceps with 2 cups and serrated jaws, double action, ∅ 5mm, 450 mm

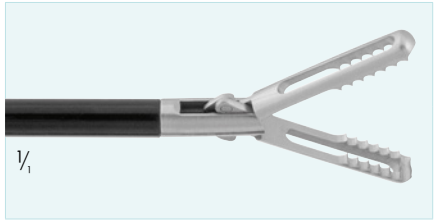
∅ 5mm	300-401-001	300-431-001	300-441-001



BULLNOSE
Grasping forceps, heavy pattern, standard serrated jaws, double action, ∅ 5mm, 450 mm

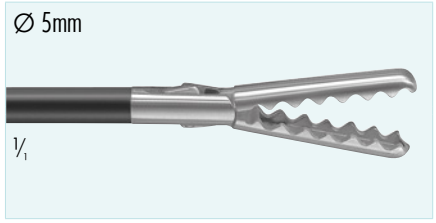
∅ 5mm

	300-401-017	300-431-017	300-441-017



GRIPPER #1
Grasping forceps with coarse serration and fenestration, double action, ∅ 5mm, 450 mm

∅ 5mm	300-401-013	300-431-013	300-441-013



PRESTIGE
Grasping forceps with long, bevelled-edge jaws and deep cup for large tissue collection, double action, ∅ 5mm, 450 mm



Complete Instrument
with handle 300-750-003



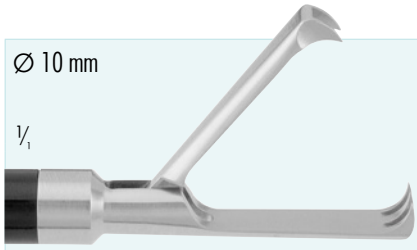
Complete Instrument
with handle 300-750-103

	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103
Ø 5mm 1/1	300-401-201	300-431-201	300-441-201



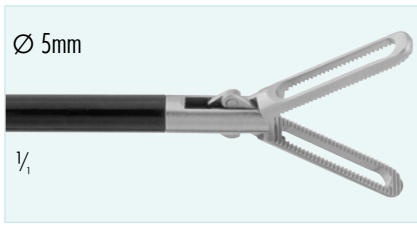
COBRA
Grasping forceps with sharp 2 x 4 teeth and serrated inner jaws, double action, Ø 5mm, 450 mm

Ø 10 mm 1/1	300-401-710	300-431-710	300-441-710



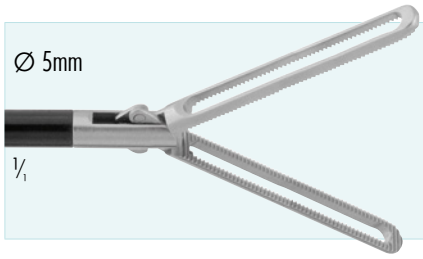
CLAW GRASPER
Grasping forceps, aggressive 2 x 3 teeth and smooth inner jaws, single action, Ø 10 mm, 450 mm

Ø 5mm 1/1	300-401-289	300-431-289	300-441-289



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

Ø 5mm 1/1	300-401-291	300-431-291	300-441-291



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



Complete Instrument
with handle 300-750-001



Complete Instrument
with handle 300-750-101

	insert only	Complete Instrument with handle 300-750-001	Complete Instrument with handle 300-750-101
∅ 5mm	300-401-082	300-411-082	300-421-082



1/1

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

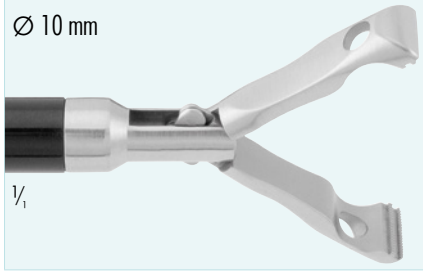


Complete Instrument
with handle 300-750-003



Complete Instrument
with handle 300-750-103

	insert only	Complete Instrument with handle 300-750-003	Complete Instrument with handle 300-750-103
∅ 10 mm	300-401-079	300-431-079	300-441-079



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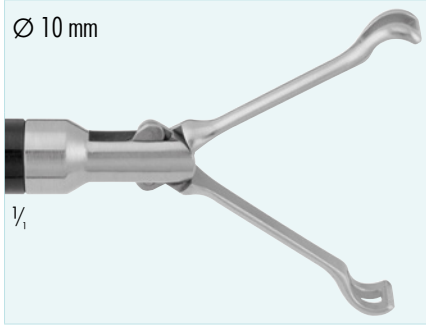
DEBAKEY BABCOCK
Traditional style Babcock grasping forceps, fenestrated jaws with atraumatic DeBakey serration, double action, ∅ 10 mm, 450 mm

∅ 10 mm	300-401-078	300-431-078	300-441-078



1/1

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

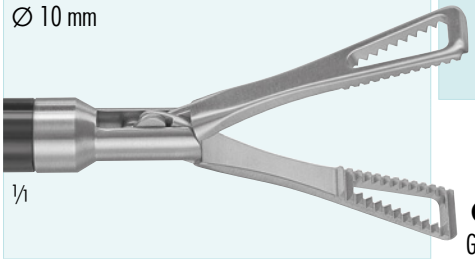


Complete Instrument
with handle 300-750-003



Complete Instrument
with handle 300-750-103

	insert only		
∅ 10 mm	300-401-085	300-431-085	300-441-085



1/1

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



Complete Instrument
with handle 300-750-001



Complete Instrument
with handle 300-750-101

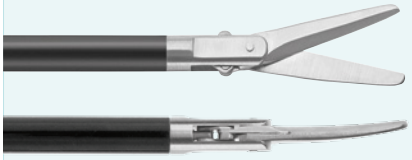
	insert only		
∅ 5mm	300-401-067	300-411-067	300-421-067



1/1

ORIGINAL METZENBAUM
Scissors, short blades (12 mm), slightly curved, double action, ∅ 5mm, 450 mm

∅ 5mm	300-401-070	300-411-070	300-431-070



1/1

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

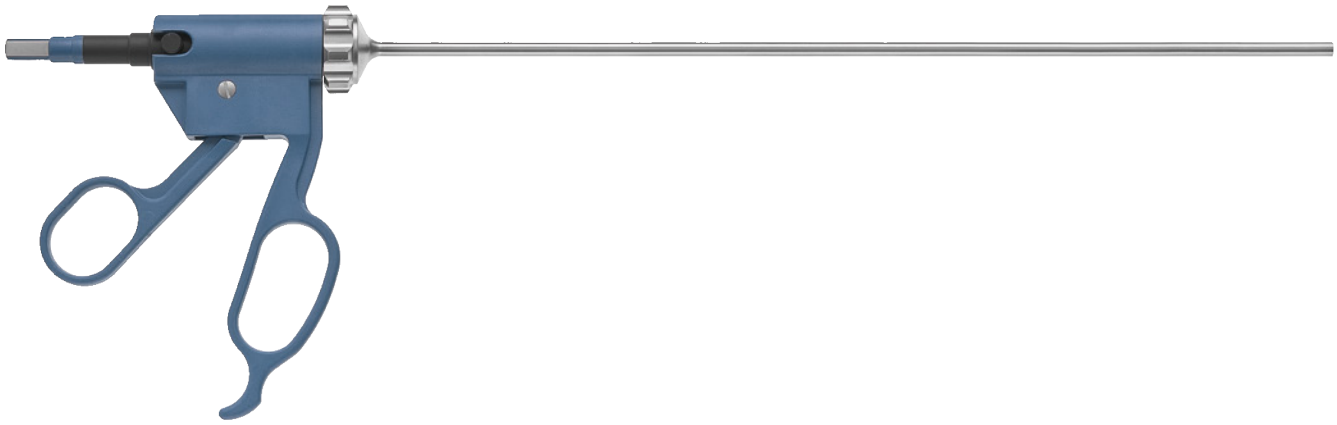
∅ 5mm	300-401-072	300-411-072	300-431-072



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

DETACHABLE XL BIPOLAR FORCEPS

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



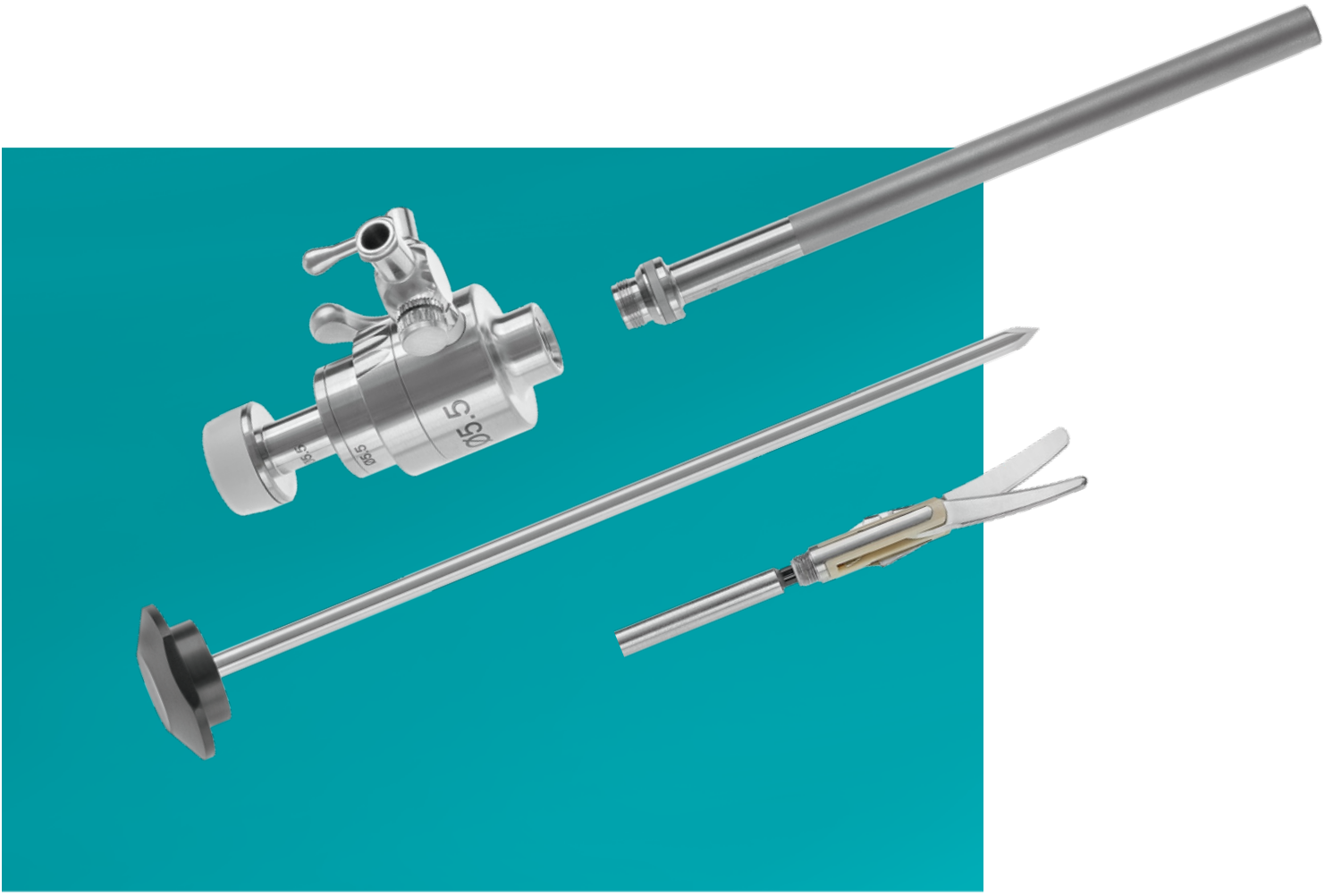
300-860-145 Bipolar Coagulation Forceps, 450mm

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

	MultiPort Trocar System	Siliport Trocar System
1 Stainless steel sleeve, smooth	300-220-055*	300-230-055
2 Stainless steel sleeve, thread	300-221-055	300-231-055
3 Stainless steel sleeve, oblique	300-222-055*	300-232-055
4 Synthetic sleeve, smooth	300-223-055	300-233-055
5 Synthetic sleeve, thread	300-224-055	300-234-055



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



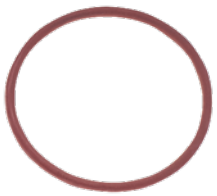
Safety Trocar
300-152-055 5.5mm



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



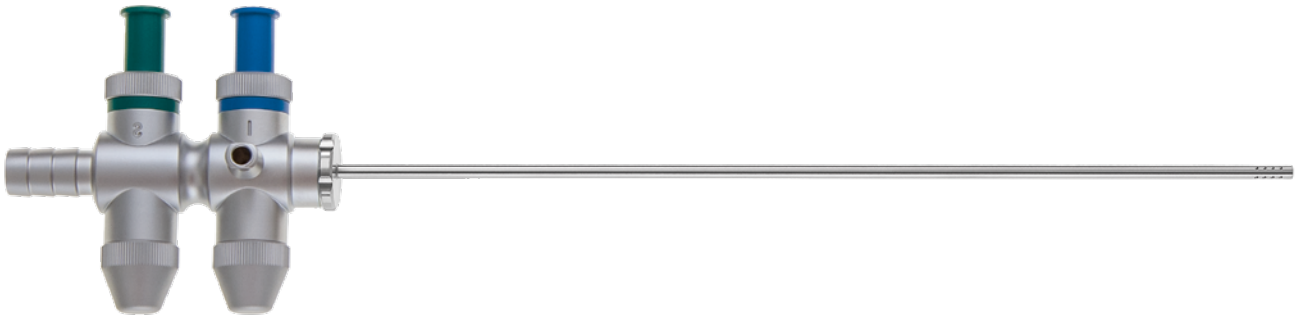
Gaskets for MultiPort Trocar System, 10 pieces
300-250-235 Ø 3.5mm (black)
300-250-255* Ø 5.5mm (white)



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

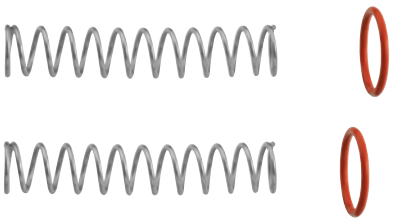


Suction and irrigation set
300-019-700 suction tube 300-019-735 and big valve body 300-019-501

Spare Parts for **RZ EasyClean** Mini Suction and Irrigation System

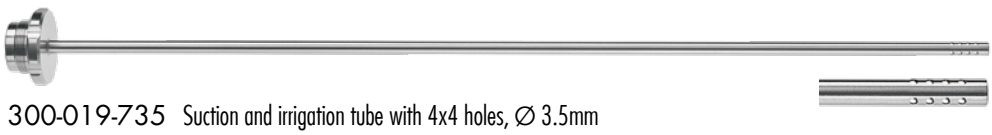


300-019-501 big
300-019-601 small
Single Valve Body



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, ∅ 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, ∅ 3 mm

	340mm working length	300-172-003
	250mm working length	300-172-253



16 holes, with markings, ∅ 3 mm

	340mm working length	300-173-003
	250mm working length	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, ∅ 3 mm



340mm working length	300-192-003
250mm working length	300-192-253



4 x 4 holes, with markings, ∅ 3 mm



340mm working length	300-193-003
250mm working length	300-193-253

Palpation Probe, graduated, ∅ 2.8 mm



340mm working length	300-193-303
250mm working length	300-193-353



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



340mm working length	300-194-303
250mm working length	300-194-353

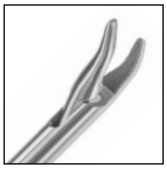
TC ENDOSCOPIC NEEDLE HOLDERS, ∅ 3mm



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	300-503-069 300-505-069	330mm 210mm
	Hook Scissors round cutting blade, single action	300-503-060 300-505-060	330mm 210mm
	Peritoneal Scissors straight, delicate, fine serrated, single action	300-503-063 300-505-063	330mm 210mm
	Micro Scissors straight, sharp, single action	300-503-570 300-505-570	330mm 210mm
	Metzenbaum Scissors slightly curved, short blade, double action	300-503-067 300-505-067	330mm 210mm
	Biopsy Cup Forceps sharp, oval cups, double action	300-503-082 300-505-082	330mm 210mm
	Biopsy Cup Forceps sharp, oval cups, 1 pin, 1 hole, double action	300-503-080 300-505-080	330mm 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 dissasembling
- 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	300-403-069 300-404-069	330mm 250mm
	Hook Scissors round cutting blade, single action	300-403-060 300-404-060	330mm 250mm
	Biopsy Cup Forceps sharp, oval cups, double action	300-403-082 300-404-082	330mm 250mm
	Maryland Dissecting Forceps gently curved, double action	300-403-732 300-404-732	330mm 250mm
	Mixter Dissecting Forceps 90° angled, fine serrated jaws, double action	300-403-738 300-404-738	330mm 250mm
	Fundus Grasping Forceps 2 cups, serrated, double action	300-403-015 300-404-015	330mm 250mm
	DeBakey Grasping Forceps 25mm long, atraumatic, double action	300-403-244 300-404-244	330mm 250mm
	Johans Grasping Forceps 20mm long, fenestrated, single action	300-403-284 300-404-284	330mm 250mm
	Johans Grasping Forceps 17mm long, fenestrated, double action	300-403-289 300-404-289	330mm 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



300-867-100 Handle with flat plug

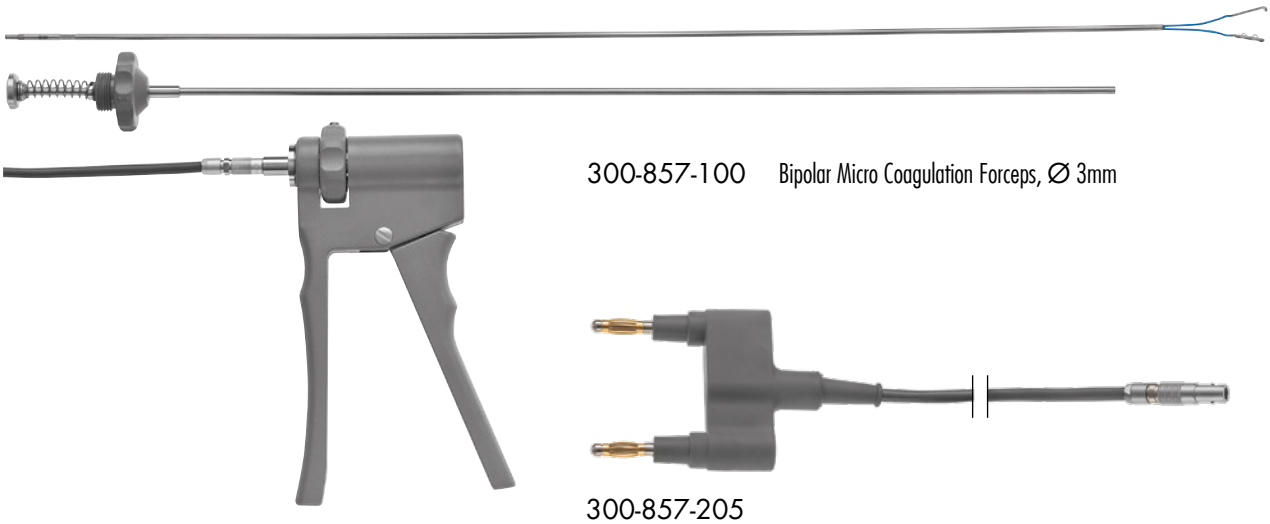


Shaft, ∅ 3mm
300-867-129 290mm
300-867-120 200mm

	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, ∅ 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

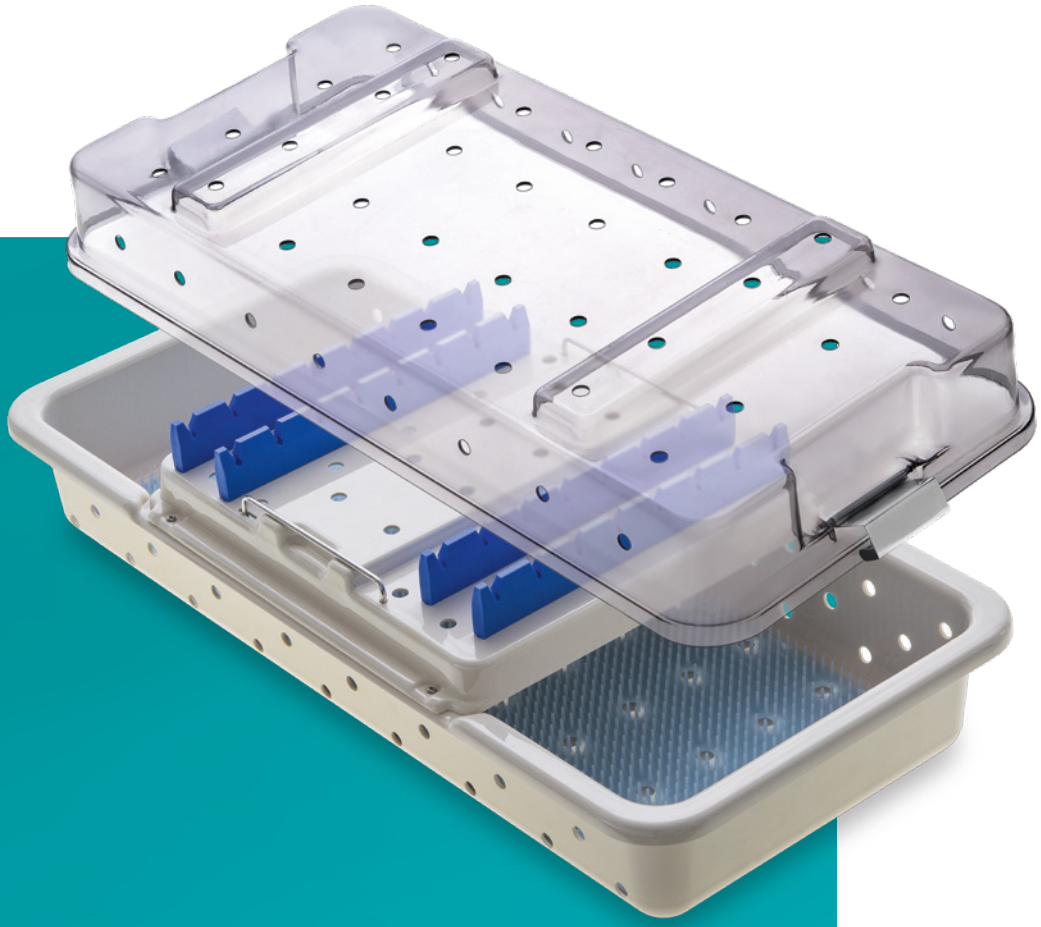
BIPOLAR COAGULATION ELECTRODES



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

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

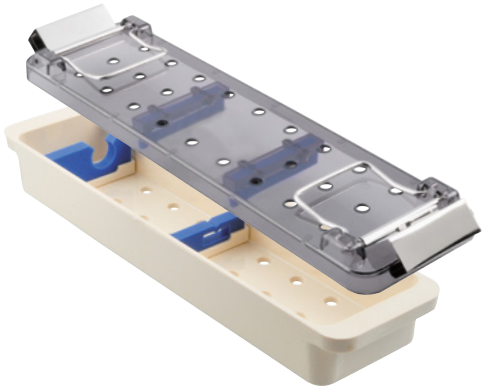
CONTAINER AND CLEANING



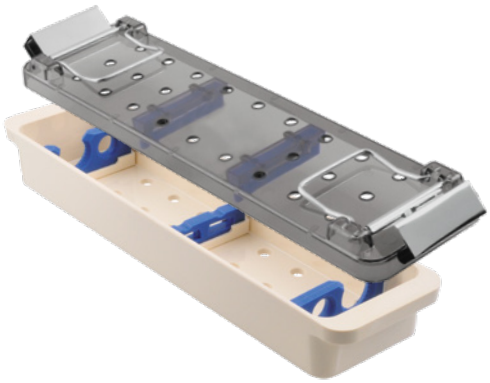
SAFE + CLEAN ENDOSCOPE PLASTIC CONTAINER

with silicone bars on base and lid

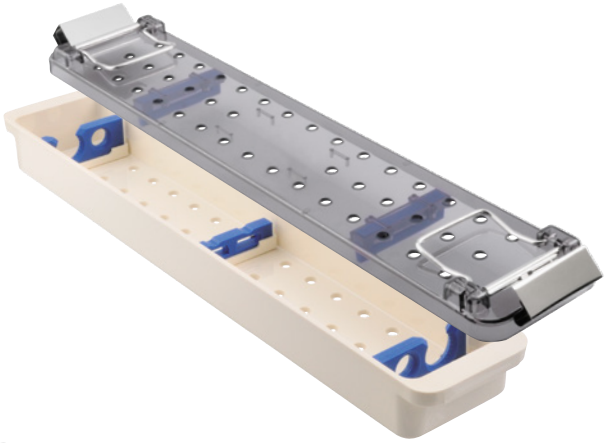
600-505-000	
Endoscopes	1 (∅ 1-10mm)
Endoscope length	max. 270mm
Dimensions	271 x 70 x 35mm



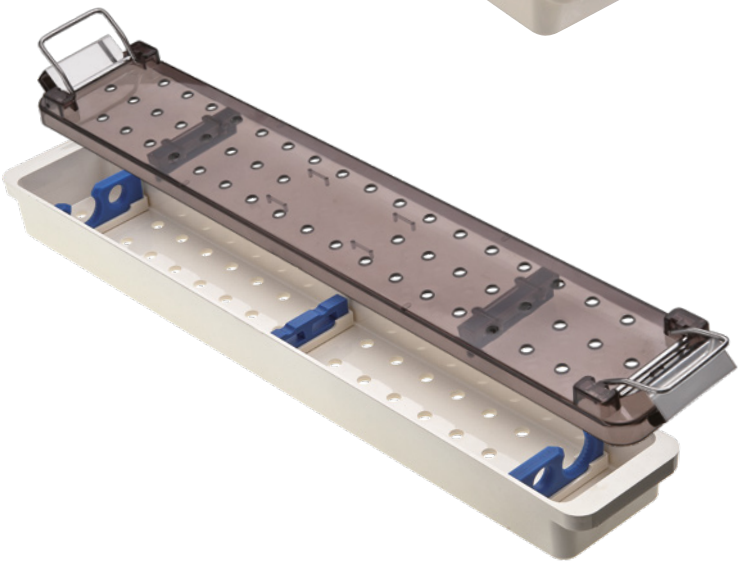
600-505-002	
Endoscopes	max. 2
Endoscope length	max. 190mm
Dimensions	271 x 70 x 35mm



600-506-002*	
Endoscopes	max. 2
Endoscope length	max. 390mm
Dimensions	394 x 70 x 35mm

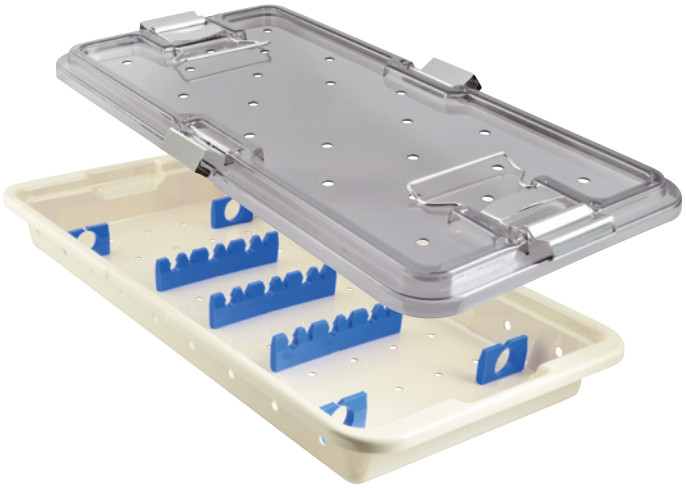


600-501-000	Endoscopes 1
600-501-002	Endoscopes max. 2
Endoscope length	max. 450mm
Dimensions	457 x 70 x 35mm

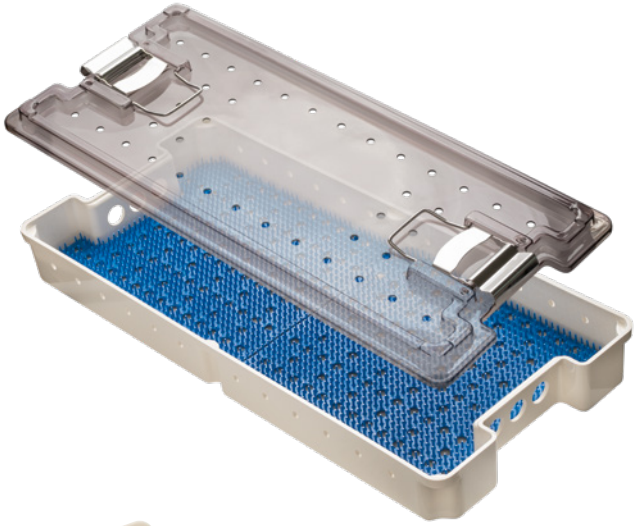


ENDOSCOPE & INSTRUMENT CONTAINERS

600-508-000	for scopes and light guide cables
Endoscopes	max. 3 (∅ 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



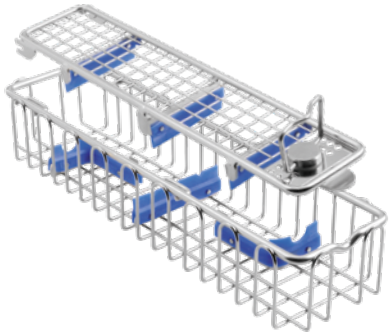
600-511-000	for instruments with rubber ties on 2 levels
Dimensions	502 x 239 x 102mm



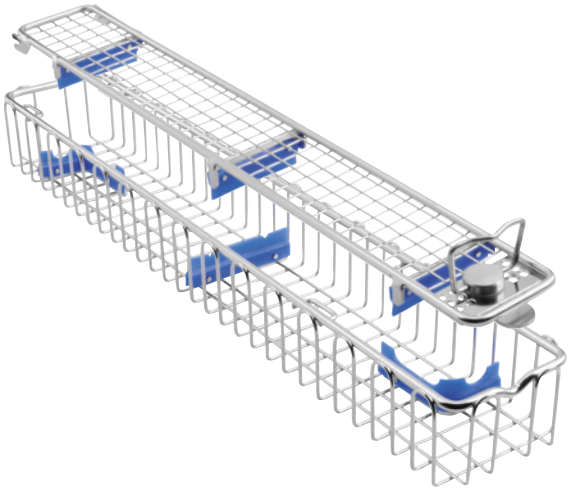
ENDOSCOPE CLEANING BASKETS & CONTAINERS

with silicone bars on base and lid

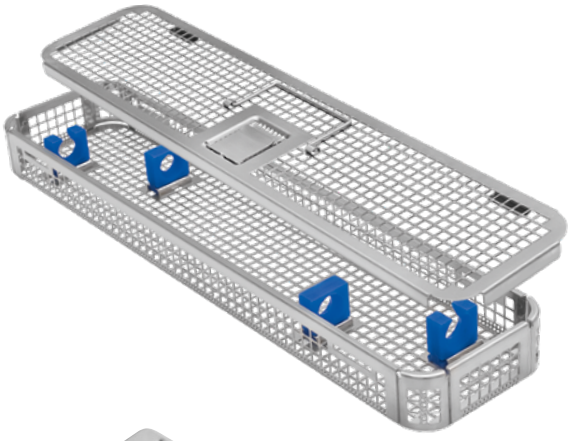
600-292-052*	
Endoscopes	max. 2
Endoscope length	max. 190mm
Dimensions	290 x 80 x 52mm



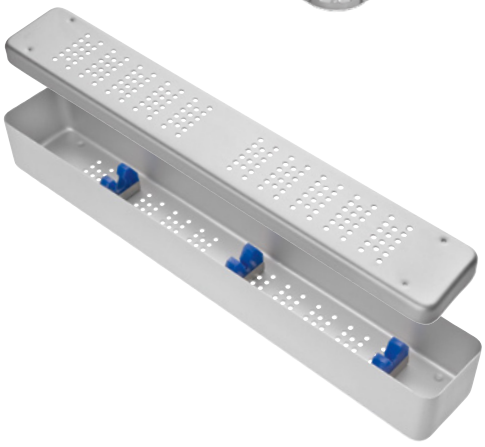
600-462-052*	
Endoscopes	max. 2
Endoscope length	max. 350mm
Dimensions	460 x 80 x 52mm

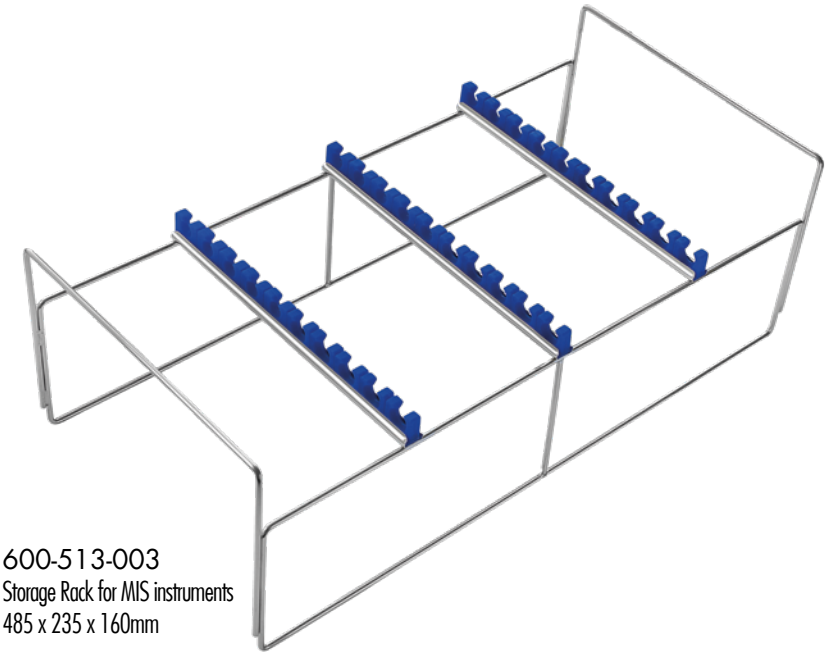


600-460-055	Endoscopes 1
600-460-056	Endoscopes max. 2
Endoscope length	max. 340mm
Dimensions	455 x 86 x 43mm

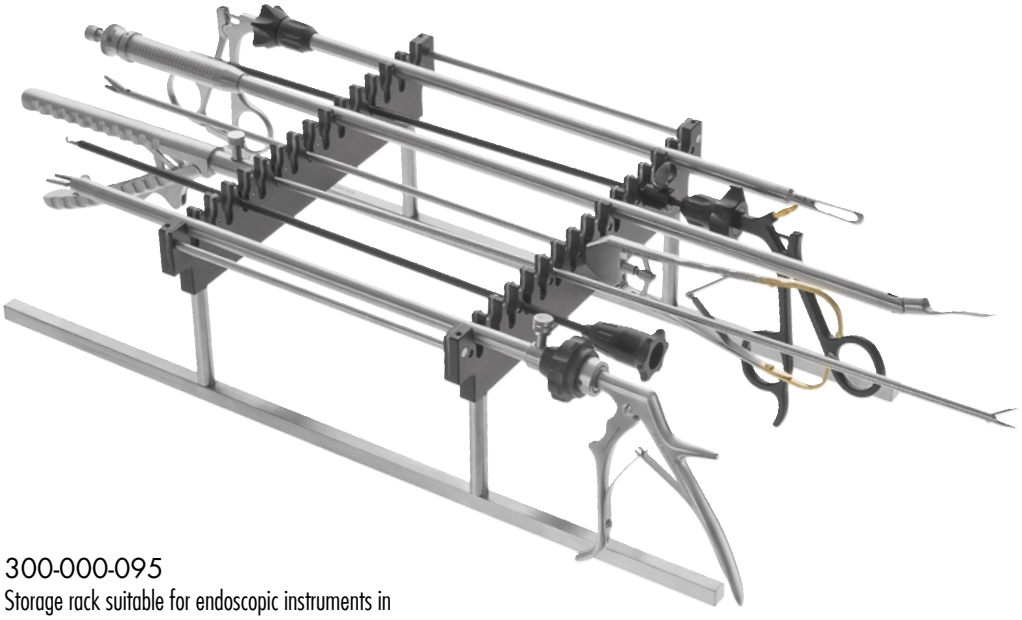


600-450-070	
Endoscopes	max. 2
Endoscope length	max. 330mm
Dimensions	450 x 70 x 70mm

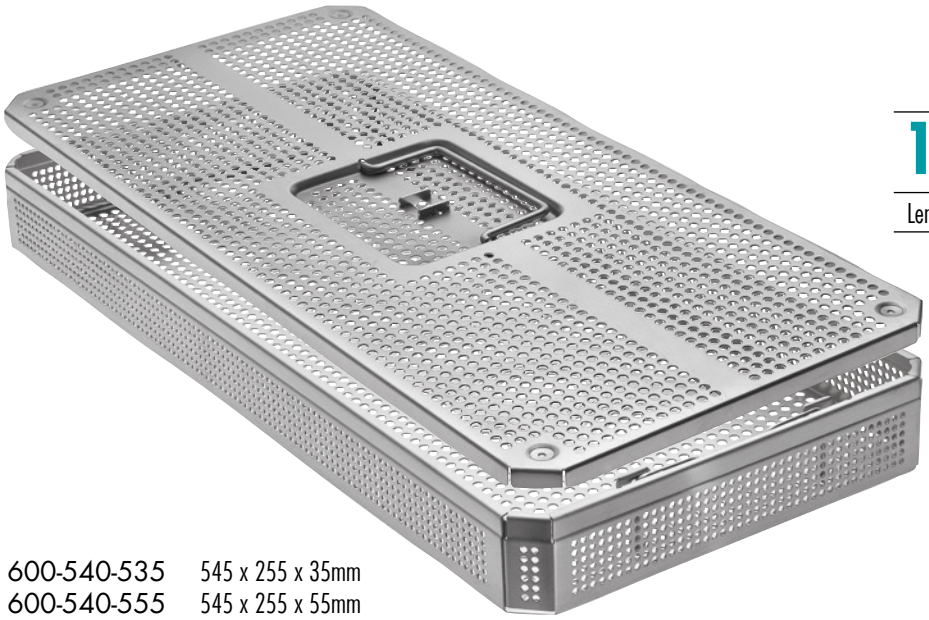




600-513-003
Storage Rack for MIS instruments
485 x 235 x 160mm

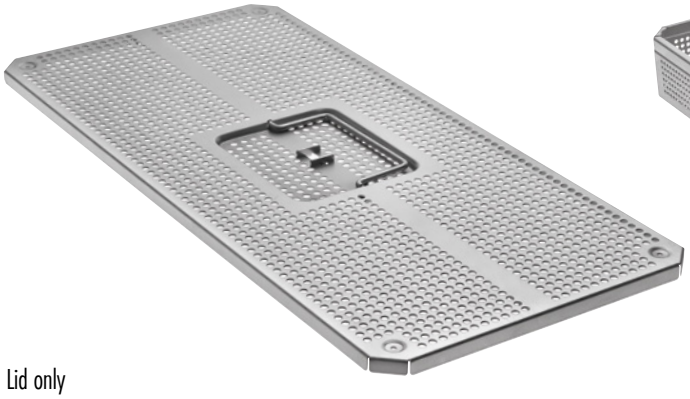


300-000-095
Storage rack suitable for endoscopic instruments in
Standard Container "Safety Model"
(without Instruments)



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



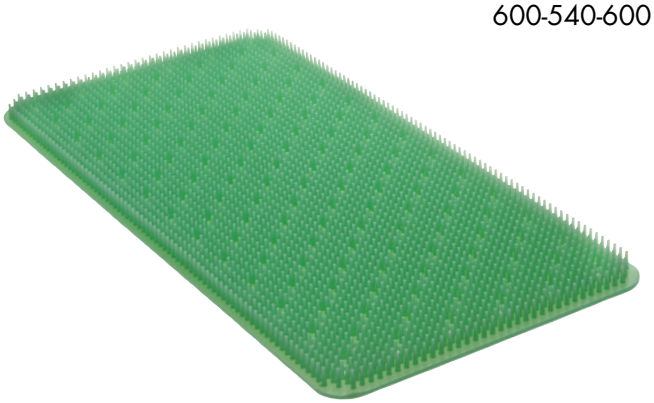
Lid only

600-540-500	545 x 255mm

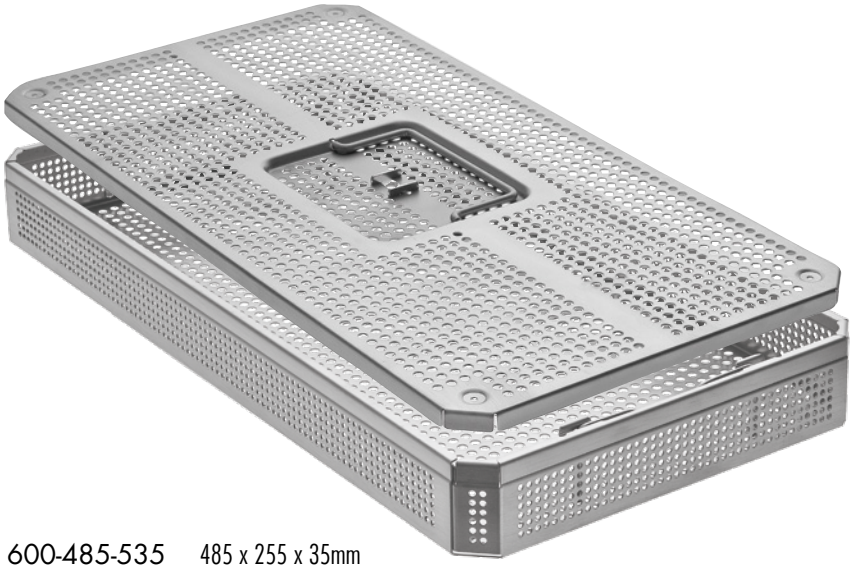


Bottom only

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

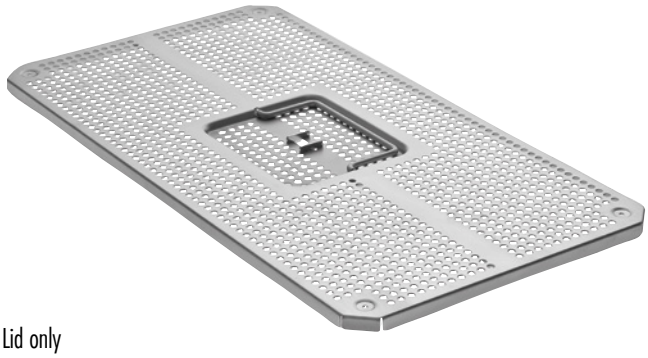


600-281-004 Silicone Mat green, 520 x 230mm

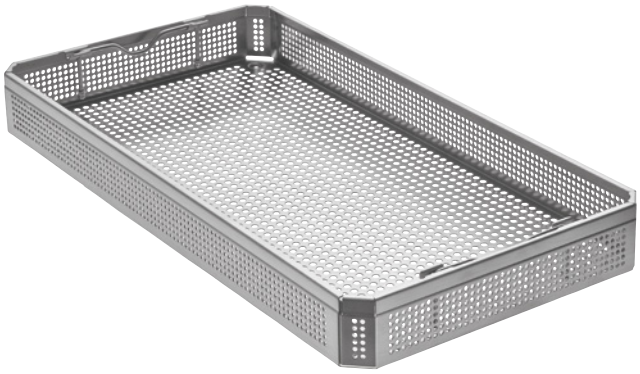


1/1	Stainless Steel Basket, round perforation, with lid
Length	485mm

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



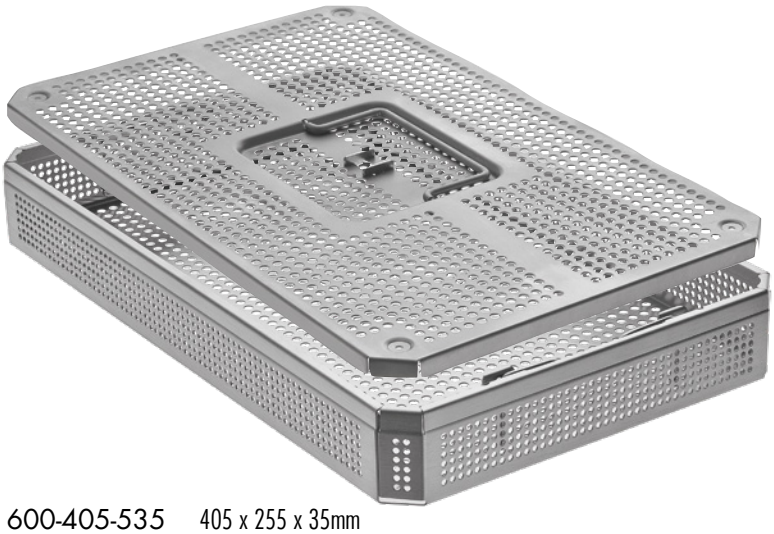
Lid only
600-485-500 485 x 255mm



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

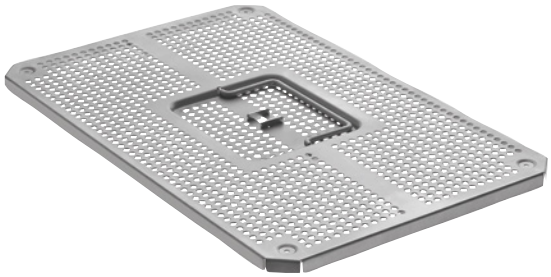


600-281-003 Silicone Mat green, 440 x 230mm



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



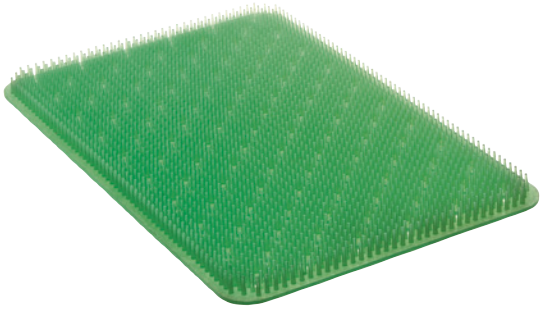
Lid only

600-405-500	405 x 255mm

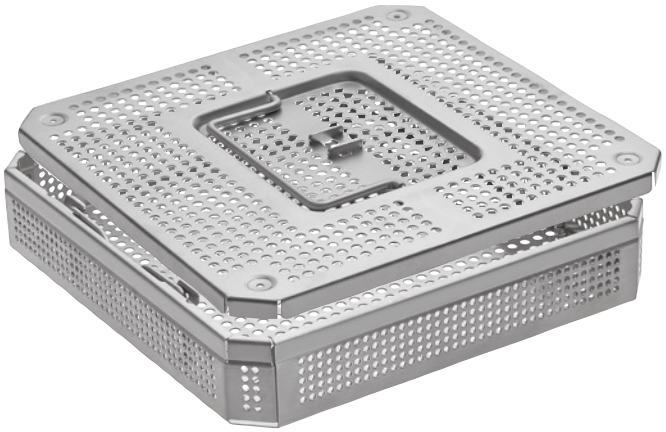


Bottom only

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

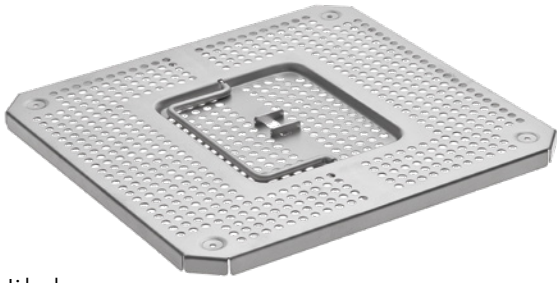


600-281-002	Silicone Mat green, 380 x 230mm



1/2	Stainless Steel Basket, round perforation, with lid
Length	255mm

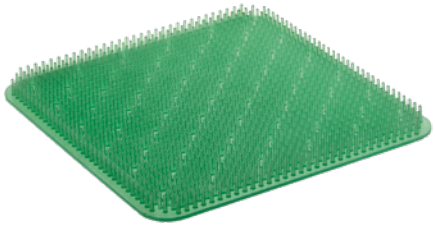
600-255-535 255 x 245 x 35mm
600-255-555 255 x 245 x 55mm
600-255-575 255 x 245 x 75mm
600-255-605 255 x 245 x 105mm



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



❶
❷

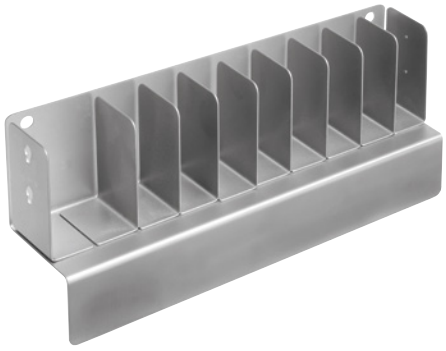
Identification label, 100 pieces per package
❶ 600-908-100 STANDARD
❷ 600-908-000 SMALL



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

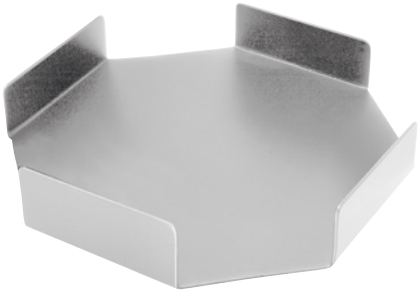


		Identification label with hole for snap hook 56x17mm	50x17mm
unmarked		600-900-040	600-900-041
		600-900-050	600-900-051
		600-900-060	600-900-061
		600-900-070	600-900-071
		600-900-080	600-900-081
		600-900-090	600-900-091
		600-900-100	600-900-101
marked		600-900-108	600-900-109
		600-900-110	600-900-111
		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



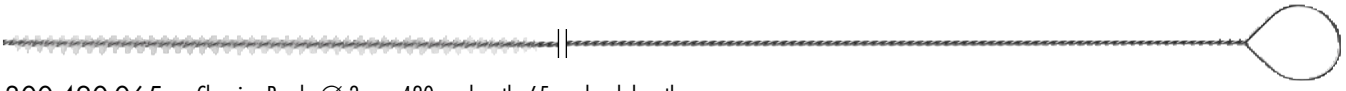
700-900-250
Oil Dispenser, 140mm



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



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



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

DEVICES


RZ Medizintechnik
Standard
Display Mode
Fusion Mode
Gain
5
Gamma
Standard
AWB
White-Light
ICG/NIR Fluorescent
90
CAMERA

INSUFFLATOR



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

Features:

- User-friendly interface
- Highest safety standard for patients
- All units are available with or without CO_2 heating system
- Pre-insufflation mode for use with Verres Cannulas
- Non-heating unit have the same gasflow rates as heating unit models

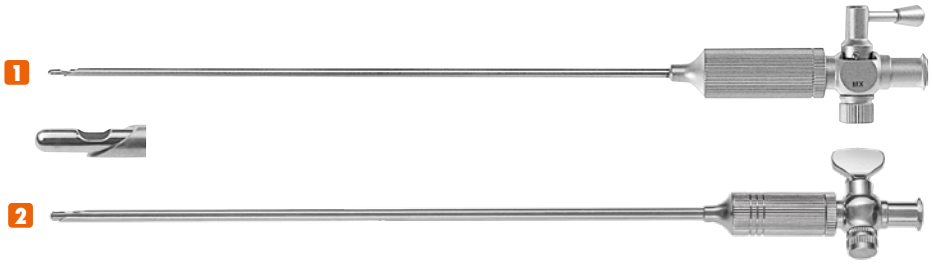
DELIVERY CONTAINS:

- Main Unit (300-900-020/-021/030/ -031/-040/-041)
- Sterile Filter (300-902-007)* (TP Product)
- CO_2 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

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, ∅ 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, ∅ 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):



Sterile Filter*
300-902-007



Standard Silicone Tube
300-902-005



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



C02 High Pressure Tube
300-902-003



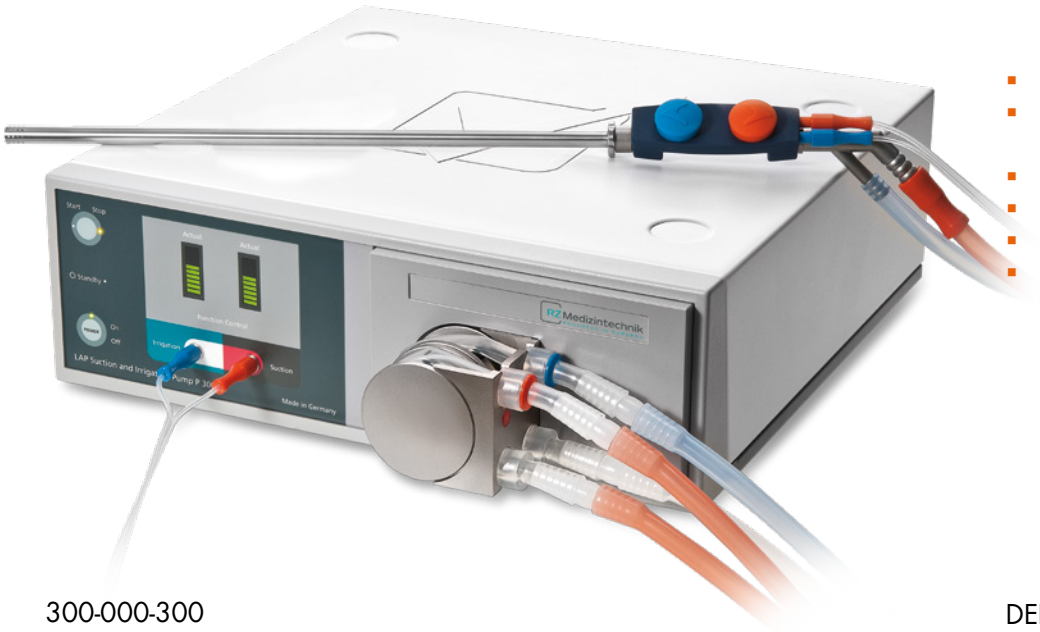
Silicone Tube (only Heater-Version)
300-902-004



Optional available:
300-902-008
C02 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

300-000-300
LAP Suction and Irrigation Pump P 3000, complete set

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

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

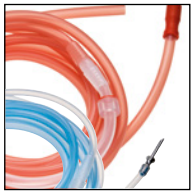
Accessories



300-000-304
Adapter with instrument connector, autoclavable

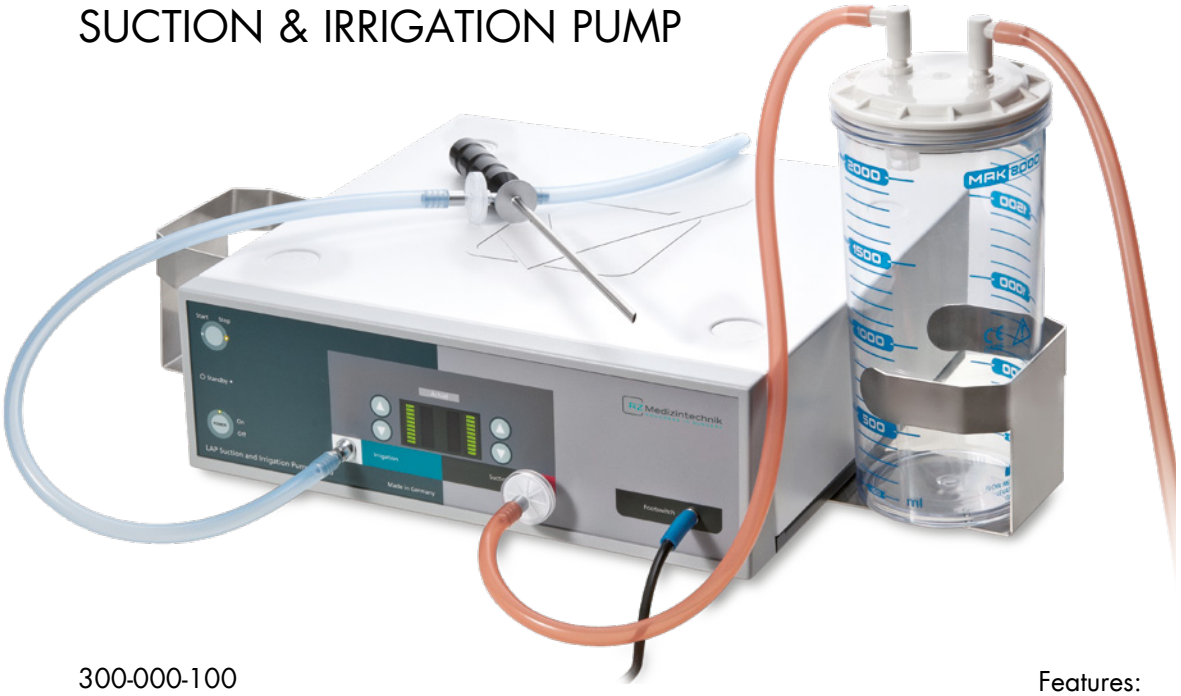
300-000-307
Pneumatic double footswitch





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

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

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)

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

CONSENS ICG

ICG/NIR FLUORESCENCE CAMERA SOLUTION

The visualization platform VP2

4K



- Camera, illumination and recording
  combined in a single control unit
- One-click switching
  between white light, ICG/NIR and fusion visualization modes
- Integrated LED white light and NIR illumination
  laser-free technology
- Ergonomic camera head and centralized control
  designed for focused surgical handling
- Native 4K imaging
  provide ultra-high-definition visualization

4K + INTEGRATED



Multifunctional camera head



High transmission light cable



Laser-free LED Illumination



8.4" LCD capacitive touchscreen



CONSENS VP2
ICG 4K Camera and light source
including camera head

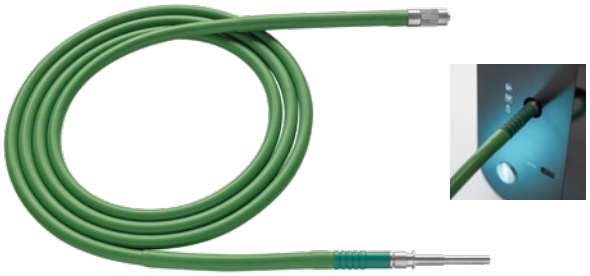
300-700-100



CONSENS ICG 4K Camera Head only
with fixed 2.8m cable

300-700-110

ACCESSORIES (for ICG/NIR use)



CONSENS ICG/NIR LED Light Cable
∅ 4.8mm, 2300mm, with adapter

250-148-230



CONSENS TV-Coupler (compatible ICG/NIR)
f14 - 32, C-mount

250-015-040

4K CAMERA SYSTEM



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

4K

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)

DELIVERY CONTAINS:

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

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



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)

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

FULL HD

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

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

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)

FULL HD

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

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) 1x 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 H ead
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

250-022-018 f=18mm
250-022-025 f=25mm
90°, 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

LED

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



Turret, multi connector

A OLYMPUS

B RICHARD WOLF

C GYRUS ACMI

D STORZ KARL STORZ ENDOSKOPE

DELIVERY CONTAINS:

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

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

LED

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



Adaptor pieces to use with **ENDOSCOPE**

XENON/LED Light Guide Cables
with melt and bending protection

Adaptor pieces to use with **LIGHT SOURCE**



250-042-000
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
RZ/Storz



250-038-000
ACMI/CUDA



250-048-000
Luxtec



250-051-000
Stryker



250-037-000
Wolf



250-044-000
Olympus



250-045-000
Olympus - Standard



250-052-000
Heine



250-059-000
Pentax

ICG/NIR LIGHT CABLE

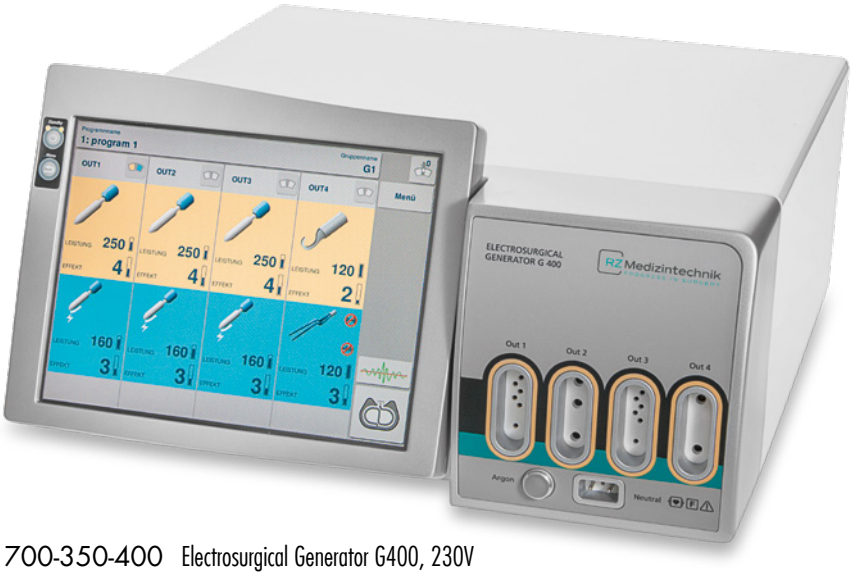


CONSENS ICG/NIR LED Light Cable
with both adapters

∅ 4.8mm, 2300mm	250-148-230
∅ 4.8mm, 3000mm	250-148-300
∅ 3.5mm, 2300mm	250-135-230
∅ 3.5mm, 3000mm	250-135-300

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



700-350-400 Electrosurgical Generator G400, 230V
700-350-410 Electrosurgical Generator G400, 110V

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)

Technical data

Line voltage	230 V +/- 10% 50 Hz or 110 V +/- 10% 60 Hz
Power consumption	1350VA
Generator operation frequency	333kHZ
Display	TFT 10"
Defibrilation impulse resistance	acc. to to EN 60601-1
NEM system	neutral electrode control optical indication 7 levels required restistance < 240 Ω
Gas type	pure argon 4.8 (99,998%) or higher
Inlet gas pressure	0.25-0.4 [MPa]
Monopolar coagulation / cutting **Bipolar coagulation / cutting**	200W / 400W 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



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

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

DELIVERY CONTAINS:

- Main Unit
- Mains Cable

(Footswitch not included)

Technical data

Line voltage	230 V +/- 10% 50 Hz or 110 V +/- 10% 60 Hz
Power consumption	1350VA
Generator operation frequency	333kHz
Display	TFT 7" WVGA
Spectrum result system	automatic power regulation
Monopolar coagulation **Monopolar cutting** **Bipolar coagulation** **Bipolar cutting**	max. 200W (200Ω) max. 400W (100Ω) max. 400W (25Ω) max. 330W (150Ω)

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

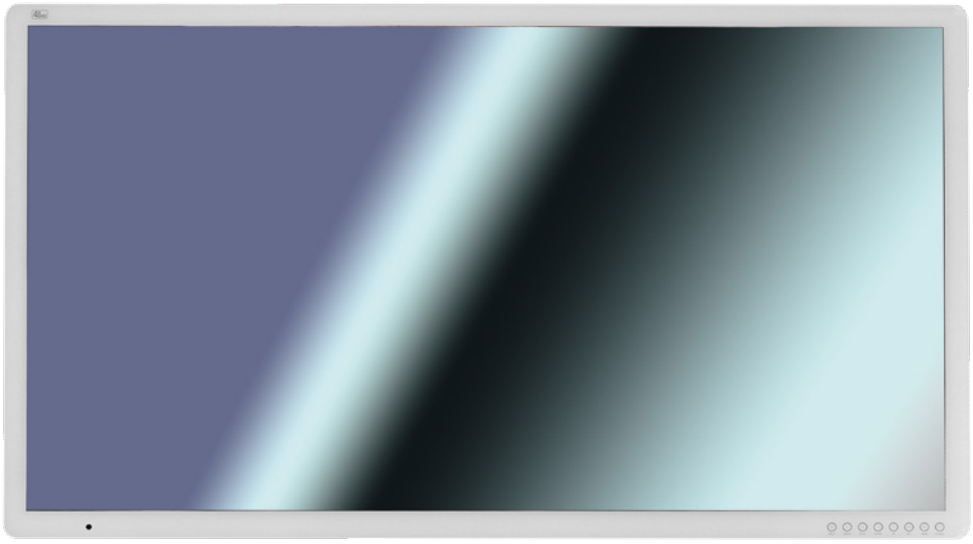


300-001-031
UHD 4K Monitor, 31.5“

4K

Technical data

Screen size	31.5“ diagonal
Resolution	3840 x 2160
Aspect ratio	16:9
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) 1x SDI (12G)
Video Outputs	1 x DVI (single link), 1x SDI (12G)
Weight	12.5kg



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



300-001-168
32" HD Monitor

300-001-158
27" HD Monitor

Technical data

Screen size	32" / 27" diagonal TFT LCD
Resolution	1920 x 1080
Aspect ratio	16:9
Viewing angle	178°
Numbers of colors	16.7 Million (8-bit)
Video Inputs	2x HDMI, 1x DP, 2x SDI
Video Outputs	1x HDMI, 2x SDI
Weight	11.5kg / 8.5kg

FULL HD



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.

CONSENS Cart - EQUIPMENT TROLLEYS

Features:
- Front handle
- Camera holder (ocular)
- 4 antistatic wheels with brake
- Drawer
- 8-outlet power strip
- Adjustable heights



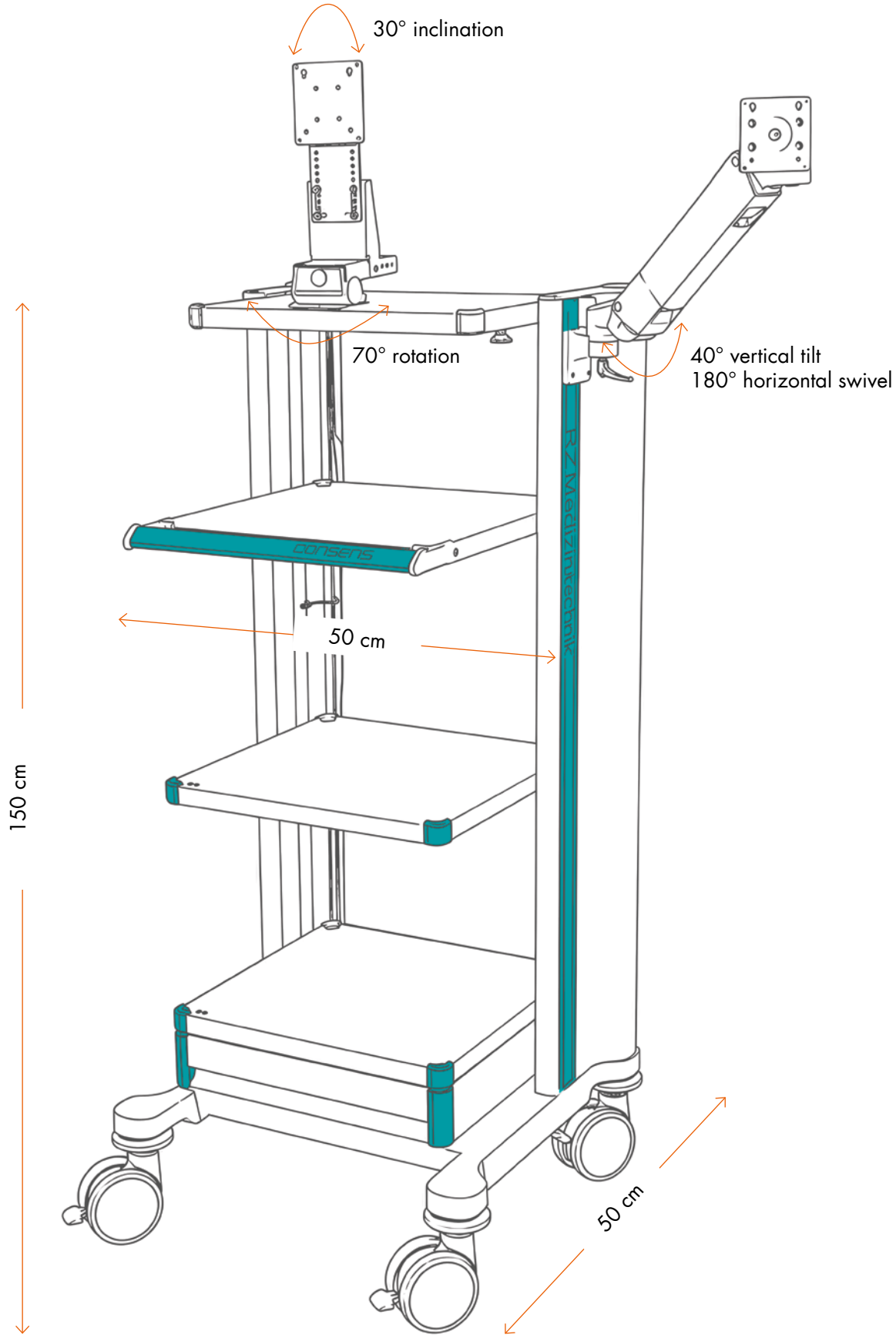
300-002-910
CONSENS Cart Basic



300-002-920
CONSENS Cart Essential
shelf with monitor holder



300-002-930
CONSENS Cart Advanced
shelf with monitor holder,
pivoted second monitor holder,
wheel wall deflectors


30° inclination
70° rotation
40° vertical tilt
180° horizontal swivel
50 cm
150 cm
50 cm
RZ Medizintechnik
consens

110-110-003 7
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120-611-180 8
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300-023-111 31
300-023-255 31
300-023-711 31
300-023-755 31
300-024-111 31
300-024-155 31
300-024-711 31
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