

MEDICAL WORKSTATION

21" touch
documentation system



RZ MEDICAL WORKSTATION

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 finding reports.

Easy integration into IT-environment ensures an optimal workflow. The database provides long-term availability of pictures and videos with almost no capacity limitation.



Documentation System 21" touch

300-001-199

RZ Medical Workstation PRO (with DICOM worklist)

300-001-198

RZ Medical Workstation (without DICOM worklist)



21" Monitor



Touchscreen



Remote controls



Editing possibilities



MAIN FEATURES

- Recording of videos and pictures
- PACS support DICOM worklist/store
- Playing videos with abstraction of individual images
- Manual editing of comments for sessions and recordings
- Graphical marking tools
- 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)

RZ MEDICAL WORKSTATION



INTERFACE



Easy integration and transfer

- Connection to various camera systems
- Integration in existing infrastructures
- Exchange of data to server or data management systems



Simple and intuitive user interface

- Suitable for OR infrastructure or examination room
- Implementation of medical documentation and patient management
- Possibility to connect with 4 different cameras

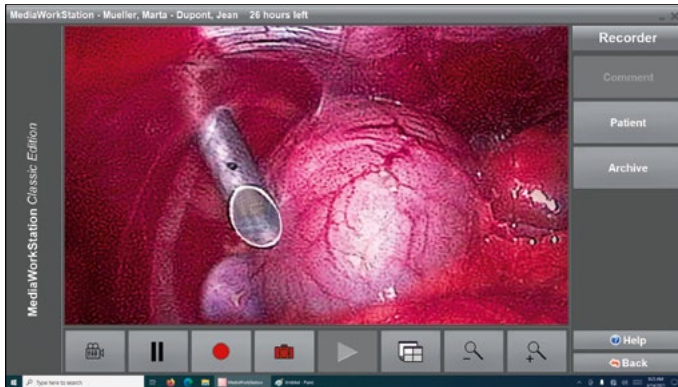


Interface OR-Camera - Documentation

- Patient management tool
- Date base
- Archive
- Integration into existing infrastructures (DICOM / Windows)
- Internal storage

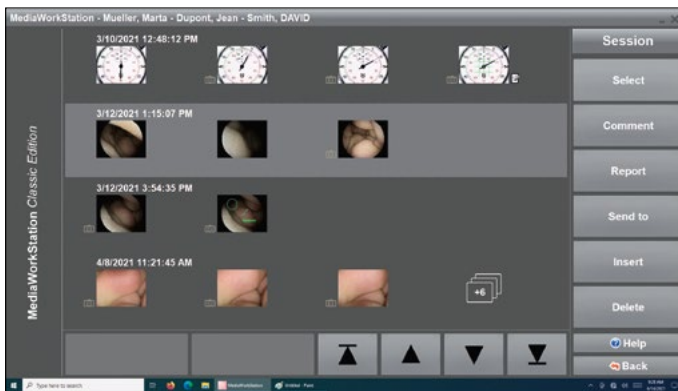


RECORDER



Enable documentation for all specialities

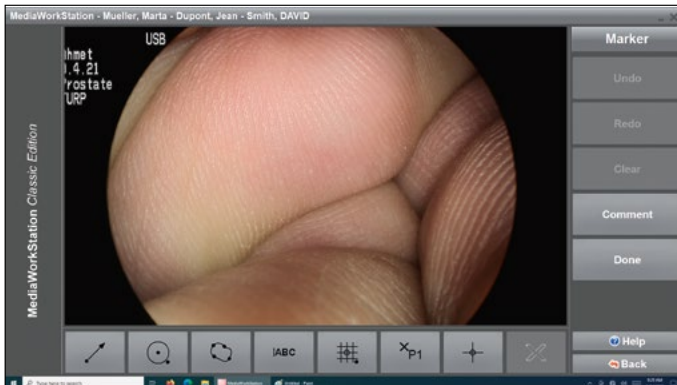
- Recording videos or images from different sources
- Structured saving of all recordings in a database
- Playing videos with abstraction of individual images
- Zoom in and out



- Operation by touch screen including screen or external keyboard
- Context sensitive help system
- Gloves-friendly large buttons on 21" screen

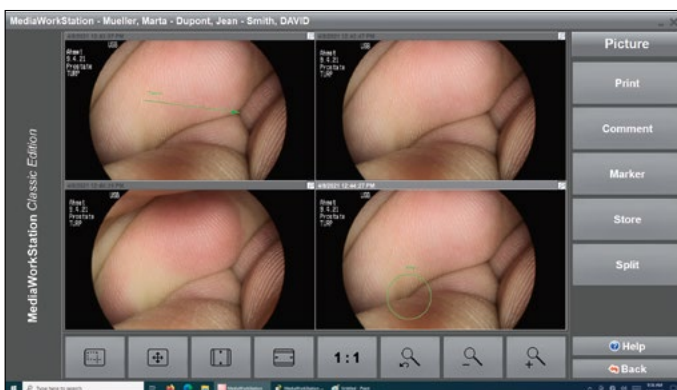


EDITING



Efficient direct editing

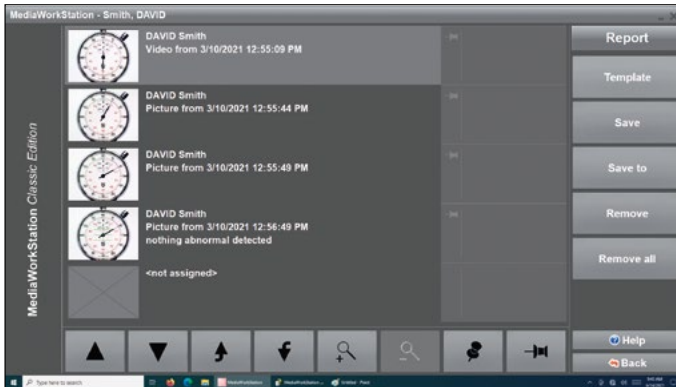
- Reports and Findings
- Input of comments for sessions and records
- Graphical markers with individual text



- Player and Picture Viewer with integrated compare mode
- Video editing and generating pictures from video
- Share and export files instantly to patients or presentation purposes



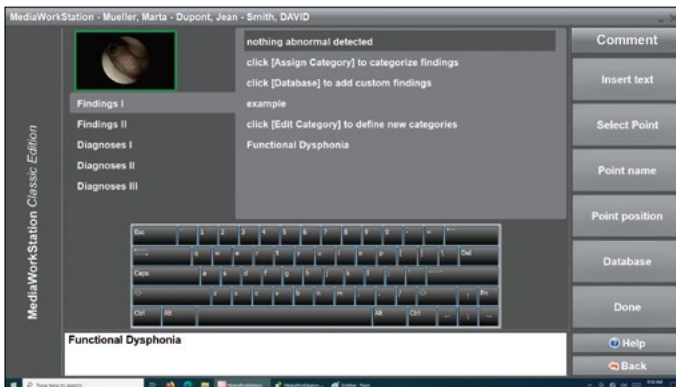
REPORT



Creation of reports and findings incl. pictures and comments

The reporting module reduces the complexity of the workflow by direct selection of pictures and text templates which are transformed to a report incl. findings and diagnoses.

The automatic export function improves safe data to defined storage destination and prevents losing data.





CLINICAL INTEGRATION



- DICOM / PACS Worklist (PRO version)
- Easy integration into IT-environment ensures an optimal workflow (Windows)



LIVE OR

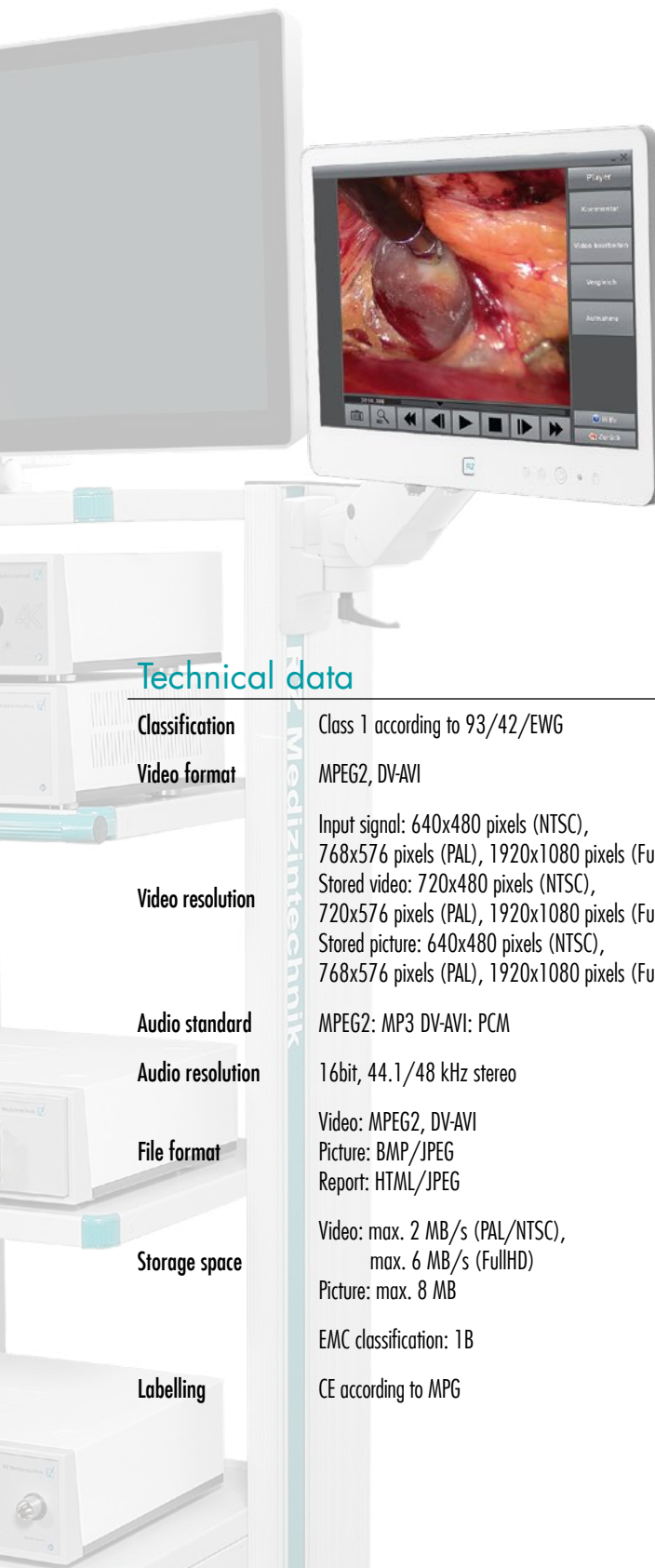


- Easy installation of preferred communication app (e.g. Zoom, Teams, Skype, etc.)



SAFETY

- Easy applicable data security guidelines from hospital IT-administration (Windows based)
- Service software contract included and installation support



Technical data

Classification	Class 1 according to 93/42/EWG
Video format	MPEG2, DV-AVI
Video resolution	Input signal: 640x480 pixels (NTSC), 768x576 pixels (PAL), 1920x1080 pixels (Full HD) Stored video: 720x480 pixels (NTSC), 720x576 pixels (PAL), 1920x1080 pixels (Full HD) Stored picture: 640x480 pixels (NTSC), 768x576 pixels (PAL), 1920x1080 pixels (Full HD)
Audio standard	MPEG2: MP3 DV-AVI: PCM
Audio resolution	16bit, 44.1/48 kHz stereo
File format	Video: MPEG2, DV-AVI Picture: BMP/JPEG Report: HTML/JPEG
Storage space	Video: max. 2 MB/s (PAL/NTSC), max. 6 MB/s (FullHD) Picture: max. 8 MB
Labelling	EMC classification: 1B CE according to MPG

Surface	Aluminium-silicate glass, scratch and impact resistant
Mainboard	Processor Intel® Core i5 (6th gen.), 8 GB RAM, mSATA 240 GB SSD 2x RJ-45 10/100/1000 MBit 1x RS232
Connections	4x USB 3.0 1x DP 1x HDMI
TFT Module	Size/resolution: 21", 1920 x 1080 pixels, 16:9 Brightness: 250 cd/m ² Contrast: 1000:1 Viewing angle: 178°
Dimensions	520 x 340 x 58mm
Weight	ca. 7kg



RZ Medizintechnik GmbH

Unter Hasslen 20
78532 Tuttlingen, Germany

Phone: +49 (0)7462/9470-0
Fax: +49 (0)7462/9470-50

sales@rz-medizintechnik.com
www.rz-medizintechnik.com

