

MATRIX E Spectar

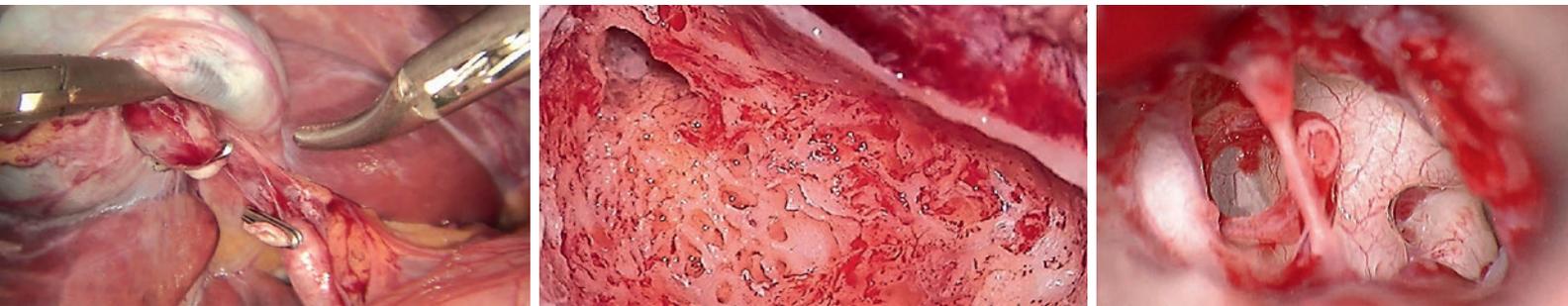
Clear and crisp Full HD images with natural colour reproduction and homogeneous illumination





MATRIX E Spectar Brilliant images and functional design

The latest image-processing routines developed and patented by XION feature optimized colour reproduction, minimized image noise and homogeneous illumination to facilitate highest image quality. It is no more a question of either/or – the XION MATRIX E Spectar Camera offers optimum image quality and perfect handling – uncompromising.



Spectar HD Zoom Camera Head Smaller and lighter

The highly sensitive Full HD sensor of the HD camera head provides detailed image reproduction. The extremely compact, ergonomic soft-touch design and low weight makes the HD camera head very easy to handle. Both of the ergonomically arranged function keys can be freely programmed by the user. An optical parfocal zoom facilitates individual adaptation of image size – without sacrificing quality and without re-focusing.



Sterile Adapter Extremely light and resistant

Made of titanium, the XION sterile adapter makes it possible to change the optics under sterile conditions. The camera cover can be fixed easily and securely. The sterile adapter is extremely light and highly resistant to various sterilization methods.



Spectar C-mount Camera Head for microscopy

The compact C-mount camera head can be easily mounted on any surgical microscope. This ensures highest-quality for video recordings and for co-observation.

MATRIX E Spectar – other features

- Universally applicable endoscopic camera
- Excellent image quality thanks to optimized colour reproduction, minimized image noise and homogeneous illumination by means of proprietary image processing routines
- Fanless and thus completely noiseless operation
- XION module housing system with direct mounting in XION trolley
- Clearly arranged, intuitive keypad
- Programmable function keys on the camera head
- Programmable, OR-compatible, non-battery wireless footswitch
- Extensive range of settings for the device via the DiVAS software
- Highest level of patient safety
- XION safety concept avoiding loss of monitor image in the event of a computer crash



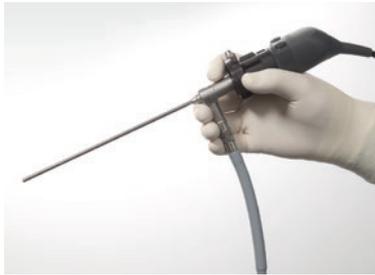
EndoSURGERY The universal endoscopy system from XION

EndoSURGERY is the first and only universal system for all endoscopic applications in visceral surgery, ENT, gynaecology, urology, neurological surgery and arthroscopy.

The individual system components form a compact, functional unit and offer excellent convenience with optimum image quality.

When the EndoSURGERY system is equipped with the MATRIX P Spectar processor, 2D and 3D endoscopy can be performed with image resolutions up to 4K.





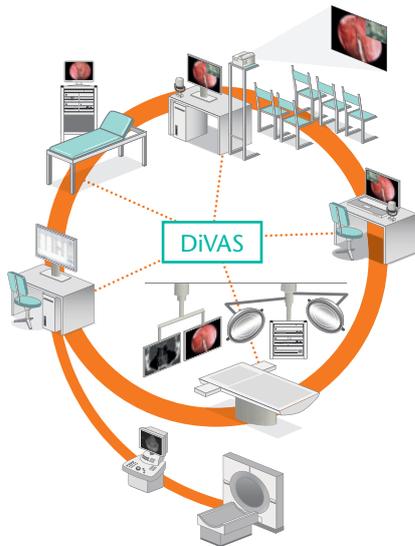
Everything under control: The safe system with optimum handling

All modules of a XION system are harmonized to each other. Devices, optics and instruments form a unit that adapts to your way of working and supports your workflow. Technology from XION helps you to cope with the increasingly complex daily hospital routine.

Image	Date	Information
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Everything in view: The information hub for your patient data

DiVAS software ensures valid, comfortable and fast diagnostic findings, their documentation and patient-related data storage. Diagnostic and treatment data are recorded, analysed and archived. The modular design facilitates adaptation to your current and future needs. Your daily workflow is optimized and thus safer, so that you will have more time for your patients – now and in future.



Everything in flow: The network that makes your hospital more efficient

XION systems can be networked and integrated into the HIS/PACS via standard interfaces (DICOM, HL7). All data are automatically and centrally stored without the need for paper. All video, image, audio and other patient data can be accessed from any workstation. Our live video conference system facilitates operating-room communication for second opinions or educational purposes. XION networks thus improve your workflow.

Everything from one source: Endoscopy systems since 1991

XION develops and manufactures devices, optics and instruments for ENT, arthroscopy, laparoscopy and hysteroscopy. In close cooperation with leading hospitals, XION creates practical and user-friendly system solutions. Well-founded interdisciplinary expertise in the fields of precision mechanics, optics, electronics and software are the basis for setting new standards in endoscopy. All products are manufactured at XION headquarters in Berlin and sold worldwide through an international network of branch offices and dealers.

