Highlights 2019
OR1™
OR1™ – for Optimal Workflow in the Operating Room

New – video management in crisp 4K image quality

The innovative KARL STORZ OR1™ integration solutions create transparency and provide tangible efficiency improvements. Intuitive use requires minimal training and provides greater safety.

- The complete image chain in 4K: Continuous image signal transfer from the source to the destination in 4K, 3D and HD
- Images and videos can be stored in 4K or HD at a central location, conveniently processed and shared with colleagues
- Central OR control via seamless integration of the KARL STORZ-SCB system
- Diverse communication solutions for symposiums, consultation and teaching/training can be adapted to individual needs
- Flexible installation via space-saving in-wall installation in the OR or at a central location in a technical room, accommodating several ORs
KARL STORZ OR1 FUSION® – Future-proof Video-over-IP Technology

- All-in-one solution for IP-based 4K video management and documentation, easily scalable and expandable, allowing straightforward and direct connection to the existing hospital IT infrastructure
- Efficient consultation with other departments or throughout the world using modern communication standards such as, for example, Skype for Business. Simple integration of mobile telephones or tablet PCs

OR1 NEO® – Proven 4K Broadcast Video Technology (12G-SDI)

- The best possible image quality through utilization of proven standards and components from professional video transmission technology
- Integration of commercial video conferencing systems meets the highest demands in transmission quality
- The modular system allows easy adjustment to individual needs

Are you interested? Please contact your local OR1™ specialists.
OR1™ InWall Solution

OR Integration – almost invisible

- Efficient workplace design meets:
  - Smart enclosure of OR Integration technology
  - Improved ergonomics
  - Infection prevention
- Simple and fast installation in the OR: Reduced installation time and quicker OR start-up in comparison to standard technical room installations
- Space-saving solution, accommodating the entire OR Integration technology in the OR and improved service capability
- Simplified disinfection and improved infection prevention via OR wall flush-mounted installation as well as touch panel and wall monitor integration behind glass.

Are you interested? Please contact your local OR1™ specialists.
Centralized Control of your Operating Room!

Pioneers in the remote control of medical equipment

- Centralized control of medical equipment in both the sterile and non-sterile areas
- User-friendly OR environment thanks to ergonomic equipment
- Unique unit control with RUI (Realistic User Interface) in combination with cockpit view in FULL HD
- Time-saving work and fast turnover times thanks to one-touch snapshot preset function
- Embedded high safety standards through observance of Medical Class IIb and the latest cyber security standards
- Space-saving due to smaller housing

Are you interested? Please contact your local OR1™ specialists.
KARL STORZ AIDA®

Exceptional documentation – now also in 4K!

AIDA® offers the possibility to capture and store still images and video sequences in FULL HD, 4K and 3D quality. This standalone solution enables the comprehensive implementation of all documentation requirements arising in surgical procedures.

- AIDA® seamlessly fits into existing organizational structures – onto equipment carts, into integrated ORs and existing IT infrastructures (DICOM, HL7)
- AIDA® offers the possibility to record two image sources simultaneously
- AIDA® improves safety thanks to an integrated and freely configurable safety checklist
- AIDA® reduces turnover time due to the Intelligent Export Manager with automated data storage in the background
- AIDA® in combination with SCENARA® provides a complete solution for image and video management inside and outside the OR

Are you interested? Please contact your local OR1™ specialists.
SCENARA®

Innovative image and video data management – now also in 4K!

SCENARA® is a platform-independent and modular software solution for data storage and administration that also features a centralized communication interface.

- SCENARA®.STORE coordinates all endoscopic data, including patient and procedure data, from various systems at a central location and thus enables fast and mobile data access.

- SCENARA®.CONNECT minimizes the complexity of the workflow via optimal interoperability between documentation solutions from KARL STORZ and other available information and archive systems from various manufacturers.

- SCENARA®.STORE and SCENARA®.CONNECT can be acquired with a service contract. This includes software maintenance, troubleshooting and software updates without additional costs.

Are you interested? Please contact your local OR1™ specialists.
LEDVISION® 101 – OR Light with Gesture Control

Touchless work for the highest hygiene demands

- Gesture control for maximum hygienic safety offered by the latest OR light: LEDVISION® 101
- Documentation of the surgical procedure under sterile conditions via a centrally integrated and cordless HD camera
- Abundant light for large or small surgical fields, for critical cases and even deep body cavities
- True-color light for an accurate display of even the tiniest nerve and vessel structures
- Cool light that is gentle on the patient during longer procedures and provides the surgeon with a comfortable work environment
- Shadow-free lighting with sharp contours thanks to multiple LED light sources
- Integrated in the KARL STORZ OR1™ system – with convenient control, even from the sterile field

Are you interested? Please contact your local OR1™ specialists.
LEDVISION® 65

The light with the extraordinary touch

LEDVISION® 65 combines the light quality of KARL STORZ surgical lighting with the demands placed on modern examination lights.

- High illumination intensity for examinations and minor procedures
- Illumination intensity adjustable in three levels through gesture control
- Energy-efficient LED light with excellent color rendering and integrated dimmer
- Equipped with a sterilizable handle for outstanding hygienic safety
- Light on/off in case of repositioning
- Available as a ceiling-mounted, wall-mounted, or floorstand model to allow versatile use

Are you interested? Please contact your local OR1™ specialists.
OFFICE1 Challenger

The complete hygiene solution for ENT

The modular examination and procedure room concept for the ENT sector presents an optimal hygiene solution for doctors’ offices, hospitals and clinics.

A clear organization of functional zones combined with an integrated visualization system and a user-friendly room design – thereby taking individual needs into consideration – results in an optimization of the entire examination process.

Furthermore, the design concept is strictly tailored to ergonomic requirements and improves the structure of medical examinations. A clear separation between clean and unclean areas provides optimal hygienic conditions. Additionally, state-of-the-art IT and video equipment facilitates high-quality examinations and diagnostic reliability.

The medical practitioner and the patient are both integrated in the examination process, resulting in a positive patient perception.

Are you interested? Please contact your local OR1™ specialists.
Imaging and OR Integration

Storage and administration of image and video data
Flexible support for image sources
Centralized communication interface

KARL STORZ OR1™
Future-oriented integration meets innovative data management

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Further information and an overview of OR1™ products from KARL STORZ can be viewed on

www.karlstorz.com
in the Human Medicine section, OR1™