Highlights

Product Highlights in Minimally Invasive Surgery
The Laparoscopic Toolbox

- Perfection in every dimension - 2 mm, 3.5 mm, 5 mm, 10 mm
- Three-piece modular design
- The intuitive "Click-it" system allows for easiest assembly and disassembly
- Individual combinations of different jaw designs and handle types are possible in three different working lengths
- Interdisciplinary use

Laparoscopy
The complete solution for Minilaparoscopy

- Three-piece modular design
- 3.5 mm diameter
- Intuitive "Click-it" system
- Uninsulated sheath for enhanced stability
- Compatible with all ERAGONmodular and ERAGONaxial handles

Put together your individual minilaparoscopy tray based on the toolbox principle.

http://www.richard-wolf.com/highlights/eragonmodularmini
Laparoscopy

Two-piece modular design
2 mm diameter
Intuitive “Click-it” system
Compatible with all ERAGONmodular and ERAGONaxial handles
Perfect for use in pediatric surgery

Precision in it’s smallest dimension
Modular "Metzenbaum" Scissors with single-use blades
5 mm diameter
Guaranteed best cutting quality: 100% sharp every time
Improved safety: Extended insulation covering the whole joint mechanism
Extremely cost effective due to the combination of disposable and reusable parts
Easy assembly and disassembly
When ergonomic design and intuition come together

- Axial handle for the ergonomic ERAGONmodular series
- The intuitive ratchet lock assures precise handling
- Optional reusable knob attachment provides extra comfort
- "Click-it" system for easy assembly and disassembly

http://www.richard-wolf.com/highlights/eragonaxial
Laparoscopic Retrieval Bag

self-opening, with removable bag

- Large, self-opening retrieval bag
- Bag size: approx. 127 x 178 mm
- Bag opening: approx. 110 x 70 mm
- Bag capacity: approx. 720 ml
- Ideal for use with trocar sleeves of 10 mm
KeyPort
The reusable Single Port Solution

- Easy insertion and secure hold due to distal screwthread
- Extended mobility due to the innovative mechanism of the DuoRotate and InLine-instruments
- Extended length Single Port Laparoscope with 30% increased light output - compared with our standard laparoscopes
- The completely reusable solution!

Single-Port Surgery
KeyPort flex

New flexibility for transanal and transabdominal surgery

- Intelligent combination of disposable and reusable components
- Flexible disposable tube with well-thought-out geometry for reliable positioning in the anal canal and in the abdominal wall
- Universal silicone sealing allows for using various instrument diameters up to 15 mm
- Luer connector for passive and aktive fume discharge or extraction
- A rinsing sheath allows the distal end window to be cleaned at any time
New technique in pediatric surgery

The Laparo-Endoscopic Varicocele Dissection using Single-Port technique (LEVD)

- Perfectly matching operating set for Laparo-Endoscopic Varicocele Dissection using Single-Port technique
- Special 5.5 mm Mini Operating-Laparoscope with integrated 3.5 mm working channel
- Range of matched, bipolar and monopolar 3.5 mm instruments
Sterile Smoke Evacuation Filter

The alternative to active smoke evacuation

- Combined active charcoal and ULPA filter retains 99,999% of all particles, viruses and bacteria
- Ready to use immediately, sterile disposable
- Significantly reduced odor nuisance
- Improved visual conditions in the abdomen for faster and safe work
- Protection for the entire operating team against fine particles, viruses and bacteria
INSUFFLATOR Highflow 45

Variability in a new design

- Provides flow rates of up to 45 l/min
- Large 6.5" touchscreen with color display
- CO₂ gas warming function with active smoke evacuation feature
- Special Baby Mode for pediatric surgery

Laparoscopy
ENDOLIGHT LED 2.X

Highest performance class "300 watt" in LED technology

- Maximum cost effectiveness due to the long life span of the LED (30,000 hrs)
- 80% less power consumption than a xenon light source
- Silent operation due to passive heatpipe
- Fully automatic control of light intensity and multiport light socket (with LED 2.2)
The future is logic

ENDOCAM Logic HD

- Maximum color fidelity and precision detail
- Application presets, simple control via touchscreen
- Future proof
- 3CCD HD, format 16:9
- Autoclavable camera head
- Integrated USB memory
The proper combination for unprecedented quality. ENDOCAM Logic HD is the key element of the complete Richard Wolf imaging chain which also features a new generation of digital camera heads, intelligent LED and Xenon light sources, effective light cables and high quality displays.

Ergonomically placed in the RIWOMobil - the universal equipment trolley.

ENDOCAM Logic HD is ready for integration into core nova, the digital operating room from Richard Wolf.
ENDOCAM Epic 3DHD

3D Endoscopy System in Full HD Quality

Experience endoscopy with a completely new 3D system.

The highest resolution Full-HD quality endoscopic image with outstanding three-dimensional depth perception – this is what ENDOCAM Epic 3DHD stands for.

Change your perspective now and benefit from this trendsetting concept.
3D-Endoscopy – The Advantages

- Precise hand and eye coordinating using a three-dimensional image of the operation field
- Realistic display of structures in their true spatial position
- Shorter learning curve assists in complex procedures
- Faster and more precise working and therefore beneficial for the patient
- Efficient and ultimately cost-saving
core nova provides tailor-made and compact solutions for hospitals and medical practices which want to optimize their workflows, reduce their expenditure on documentation and make a significant contribution to improving the utilization of their operating-room capacity.
User-specific settings and central equipment management allow you to control all the devices in the operating room. Colleagues can be consulted using audio and video management. Image and video data can be fully documented.

Discover the new generation – core nova.