



**A.A. LAQUIS**  
**MEDICAL**

*More than products. It's peoples' lives.*



**OPERATING THEATER**



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Shaping  
the future  
of surgery

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# IMAGE1 S™ Rubina® – mORe to discover

**STORZ**  
KARL STORZ – ENDOSKOPE



The new IMAGE1 S™ Rubina® imaging technology from KARL STORZ combines 3D and 4K technology with NIR/ICG fluorescence imaging to support surgeons' work by supplying high quality information.

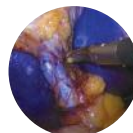
## NIR/ICG Visualization Modes

The Rubina® components offer users various new modes for visualizing the NIR/ICG signal. This includes the overlay of NIR/ICG data onto the standard white light image or alternatively the monochromatic visualization of the infrared signal alone.



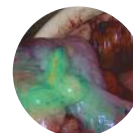
Overlay

In Overlay mode, the regular white light image is combined with the NIR/ICG data to generate an overlay image.



Green or Blue

Depending on your preferences and application, the NIR/ICG data can be displayed as a green or blue overlay.



Intensity Map

Displays the intensity of the NIR/ICG signal using a color scale in an overlay image.

## All-in-One Solutions

Thanks to modular architecture, new 4K, 3D, NIR/ICG, and LED components can be added to the existing IMAGE1S™ camera platform. The IMAGE1S™ Rubina® components offer users new options and a series of advantages to support them in their daily routine.

**4K**

Native 4K resolution.  
Excellent image quality in both white light and the NIR/ICG modes.  
Natural color rendering.  
S-Technologies in white light and in combination with the overlay modes.

**OPAL1®  
NIR/ICG**

OPAL1® NIR/ICG technology.  
Overlay with NIR/ICG displayed in green or blue.  
Intensity Map for displaying signal intensity in the overlay image.  
Monochromatic for the NIR/ICG signal alone.  
New and optimized NIR/ICG telescopes.

**3D**

3D technology in 4K.  
3D image quality improved over the previous model.  
Autoclavable 3D/2D video endoscopes.

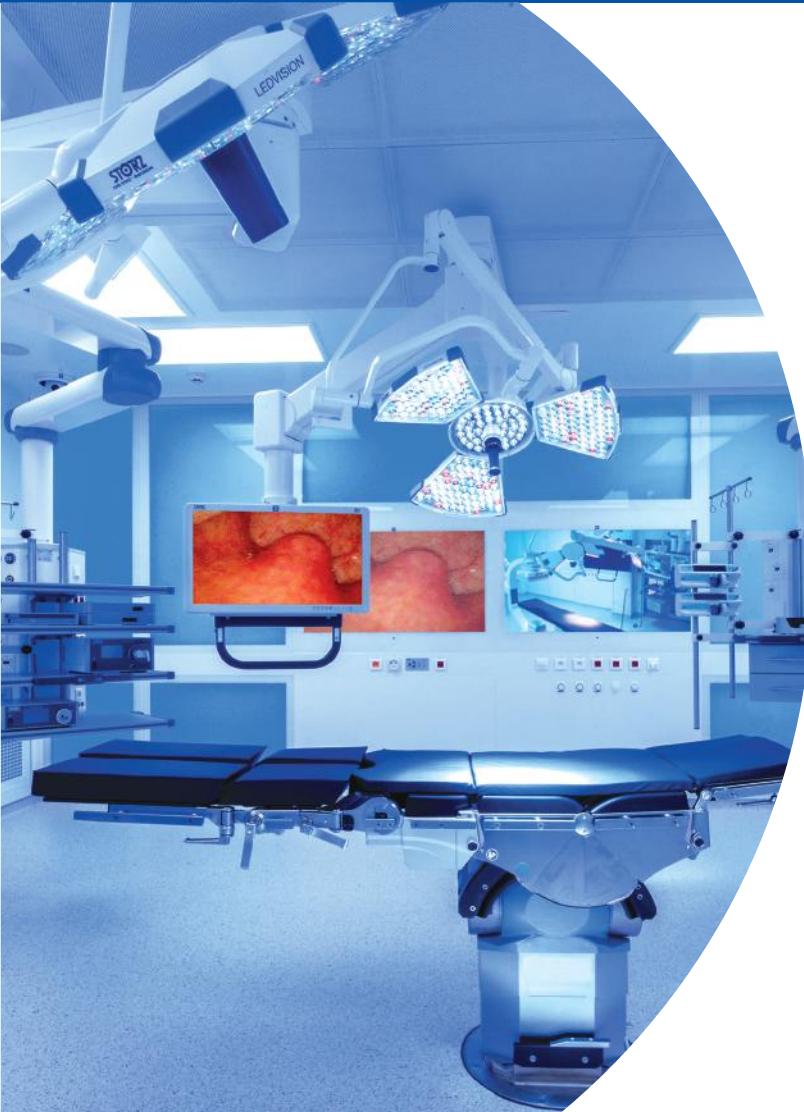


Automatic horizon control.



Laser-free LED light source for white light and NIR/ICG.  
Excitation of ICG and autofluorescence in the near infrared.  
Durability and constant light intensity  
Operation via touchscreen and footswitch.





## Fully Integrated Operating Room

**OR1™** is the innovative integration solution for the operating room and offers expandable systems that can be customized to your needs: a smart and space-saving entry model, an expanded standard version, and the premium segment for OR integration. The system's focus is on improved workflows, an ergonomic and efficient workplace design, and future-proof technologies.

### ► Microscopy

**KARL STORZ camera systems** can be combined not only with endoscopes, but also with surgical microscopes and colposcopes. Rather than being accessible only to the surgeon, the image can then be transmitted to a monitor to display it for assistants, surgical staff, and students as well. The image can be transmitted to lecture rooms, for instance, or used for documentation purposes.





## ▶ Telescopes

- The new Rubina® NIR/ICG telescopes with HOPKINS® rod lens system feature excellent image quality. The telescopes' strengths lie in optimizing focus on the tissue of interest and illuminating the surgical field. Optical system specially designed for use in combination with the IMAGE1 S™ 4U Rubina® and the POWER LED Rubina® light source.
- Optimized illumination of the surgical field.
- No refocusing required when switching between white light and NIR modes.
- Selection of different angles of view, e.g. 0°, 30°, and 45°.
- Available in diameters 5 mm and 10 mm.

## ▶ Laparoscopic Instruments

ROTATABLE, DISASSEMBLABLE, LAPAROSCOPIC INSTRUMENTS.

**The CLICKline® series** continues the development of instruments which have proven their value for years. When the rear handle is positioned horizontally, the handle can be separated from the outer sheath and the working insert at the press of a button. The HF connection is mounted at a 45° angle on the upper side of the handle, thereby guiding the high frequency cable away from the field of operation.

## ▶ CLICKline® Instruments

- ▶ Precision craftsmanship
- ▶ Design your own instruments from thousands of possible combinations
- ▶ Modular components
- ▶ Manufacturer's warranty

*Available in size 2 to 10 mm, CLICKline® instruments can be completely disassembled into separate components:*

- ▶ Handle
- ▶ Outer sheath/outer sheath with working insert
- ▶ Working insert



# Dräger Atlan® A350XL Anaesthesia Workstation

Dräger

Imagine the flexibility to have one anesthesia machine platform with a high level of safety and performance in every OR. The comprehensive, yet scalable, set of clinical features and proven ventilation quality make Atlan an ideal anesthesia machine for even the most challenging patients and surgical procedures. The platform design gives full flexibility for spatial conditions and can be equipped with either a mechanical or electronic gas mixer technology.

Image-guided pre-use checklist and comprehensive, fully-automatic self-test.

Tool-free and quick disassembly of breathing system; designed for effective cleaning and disinfecting.

Heated breathing system, optimised for low- and minimal flow anaesthesia.

High-performance E-Vent® plus piston ventilator for precise VT delivery, active PEEP control and high trigger sensitivity.



Large touch screen with configurable screen layouts and context-sensitive operating concept

Backup manual mode for manual control in emergency situations

Backup manual mode for manual control in emergency situations

Large work surface, lockable drawer and additional shelves (optional) for optimal working conditions and supplies storages

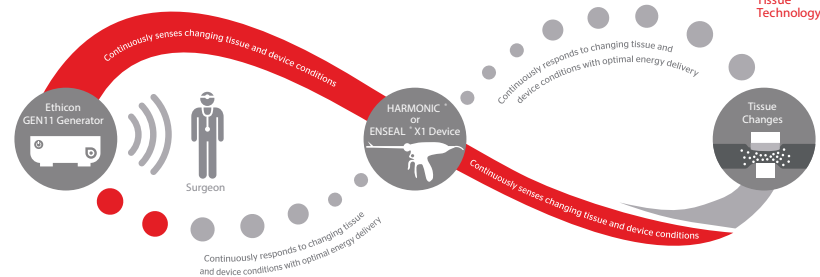
# Endo-Surgery-Gen 11 Generator

## Intelligent energy delivery to advance patient outcomes

The Ethicon Gen 11 Generator combines advanced technology, multifunctionality and touch screen simplicity in one sleek and easy to operate unit. The Gen 11 unit supplies energy to the Harmonic Ultrasonic and Enseal Advanced Bipolar surgical instruments.

### Adaptive Tissue Technology

- Senses changes in tissue and device conditions
- Responds with the optimal amount of energy
- Delivers greater precision and efficiency
- Dual Energy Platform
- Supports Harmonic Ultrasonic Energy and Enseal Advanced Bipolar Energy



## Product features

### Intuitive high-res touchscreen display

Fast and easy setup and operation with on-screen diagnostics

### Upgradable software

Supports future Ethicon Energy devices and limits the obsolescence of capital



### Universal connector

Magnetized teardrop-shaped connector to ensure proper alignment and automatic instrument recognition

### Compact design

Takes up less space in the OR and affords multiple placement options as well as easy transportation

# Electrosurgical Units (ESU)

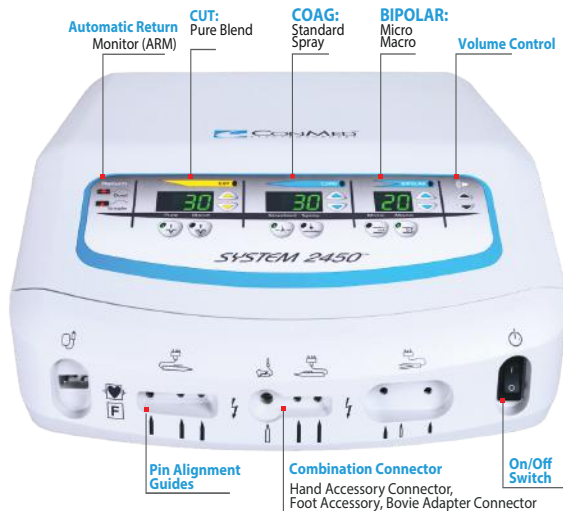
Simple on the outside, yet sophisticated and powerful on the inside.

The 2450™ System provides state-of-the-art innovation in an easy-to-use format. It features CONMED's Dynamic Response Technology, which reacts to changes in tissue in less than 1ms, ensuring the delivery of the desired amount of power while limiting the changes of thermal damage to surrounding tissue.

- Smooth cutting through different tissue types, offering both Pure Cut for scalpel-like cuts and Blend for hemostasis while cutting.
- Powerful Coagulation for both standard dissection and spray for a broader hemostasis.
- Precise Bipolar Dessication with minimal lateral thermal tissue damage. Micro – for fine and precise coagulation and Macro – for more energy-intensive coagulation.

## System 2450™

Electrosurgical Generator

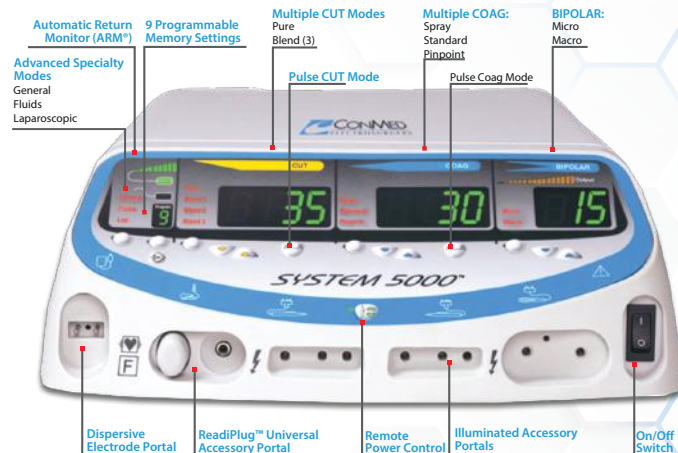


The System 5000™ Electrosurgery Unit (ESU) unites proprietary dynamic response technology with an array of specialty modes for desired clinical effect. This technology with versatility provides the opportunity to fine tune the electrosurgical generator to specific procedure and surgeon preferences.

- Controlled Energy for the Desired Clinical Effect to Tissue
- Reduced Risk of Coupling and Inadvertent Burns Helps Improve Patient Safety
- Unique Pulse Coag Mode Helps Minimize Blood Loss
- Validated for Use With da Vinci Surgical System

## System 5000™

Electrosurgical Generator





# Surgical Smoke Evacuators

## Don't Tolerate, Evacuate

ViroVac® surgical smoke evacuator provides ideal flow for physician offices and outpatient surgery centers. It combines customizable (variable) filter life, a compact shelf design, 3-port filter with filter life tracking technology, while exceeding expectations for value and efficacy.

- Compact Design
- Patented 3-Port Filter Design
- Variable Filter Life (up to 35 hours)
- Filter Tracking Technology

### VisiClear®

Surgical Smoke Evacuator

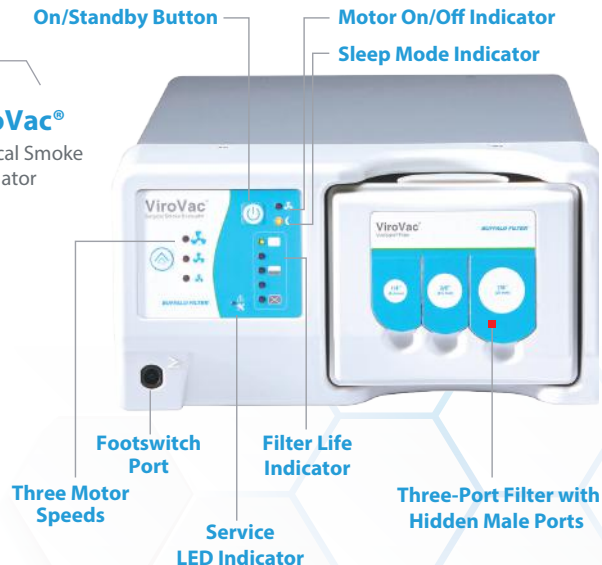


CONMED

BUFFALO FILTER®

### ViroVac®

Surgical Smoke Evacuator



VisiClear® is our most advanced acute care offering for surgical smoke evacuation. Combining Safeport Technology™, an occlusion warning, filter life tracking, and one-touch programmable procedure modes for open tubing, electrosurgical pencil, and laparoscopic procedures, VisiClear effectively captures and filters surgical smoke, particulates and other potentially hazardous by-products. The filter contains activated carbon known to adsorb gases.

- Procedure Operating Modes
- Advanced Sound Control Design
- Sleek Shelf Design
- Occlusion Warning
- Intuitive Color Touch Screen
- Unique Sliding Port Closure

If a new powered instrument system is on your horizon, let Hall® Power get you there.

Refined for peak performance, the Hall® Titan™ Series is the next generation of powerful, precise and reliable orthopedic power tools from the name that's been trusted for over 55 years: Hall® Powered Instruments.

## Clinical Performance

- Powerful – Hall® lithium batteries deliver high torque, long-lasting power.
- Exacting – Variable speed control and anti-vibration design engineered for controlled precision.
- Comfortable – Ergonomic design<sup>1</sup> and reduced weight<sup>2</sup> for optimal user comfort.

## Operational Efficiency

- Simple – One-Step Sterilization reduces steps by allowing handpieces and batteries to be sterilized in the same tray at the same time.
- Reliable – IPX 6, IPX 8, IPX 9 ratings provide market-leading water intrusion protection.
- Efficient – Rapid-charging, UL-approved autoclavable lithium batteries eliminate blue wrap and tedious separate sterilization cycles.

## Total Value

- Versatile – Single system platform reduces costs by using one system for large and small bone procedures.
- Universal – Backwards and forwards compatible so you'll never be forced to buy expensive new attachments when you want to upgrade your handpieces.
- Cost-Effective – Lower initial purchase costs and lower lifetime operational costs.

## Sterilization Made Simple

Hall® Powered Instruments offer a series of rigid sterilization containers and interchangeable inner trays that give customers the ability to customize their sterilization system to meet the needs of their facilities. The multi-tray system separates the drill handpiece from the saw handpieces in two customized, procedure-focused, half-size trays and allows you to only open what you need for the procedure.





# The Future of Medical Care in the Caribbean.



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