

AFFORDABLE LAPAROSCOPIC SURGERY

FOR ONE AND ALL

ONE COMPLETE LAPAROSCOPIC SOLUTION



ONE WORLD ONE VISION ONE GOAL

Introducing a state of the art, Full HD laparoscopic system to deliver affordable, safe, reliable laparoscopic surgery.

Covidien is dedicated to partnering with our customers and bringing products to market that enable minimally invasive surgery. We are proud to introduce the addition of a laparoscopic tower that will allow for more of our customers to get access to the technology and training needed to perform MIS procedures. Our complete solution also includes the introduction of a new range of high quality reusable instruments to complement our existing disposables range. This comprehensive product portfolio delivers more choice, reliable performance and greater affordability, helping to improve patient care and outcomes.



Native Full HD Laparoscopic Visualisation System
Product catalogue



۰۲۱ ۷۵۹۱۷

www.tjn-eng.com

تهران - خیابان ولیعصر-مقابل باشگاه خبرنگاران جوان - کوچه رامین-پلاک ۶



تهران جراح نوین

Medtronic
Further. Together



تهران جراح نوین



Selective Color Enhancement (SCE)



Smoke reduction

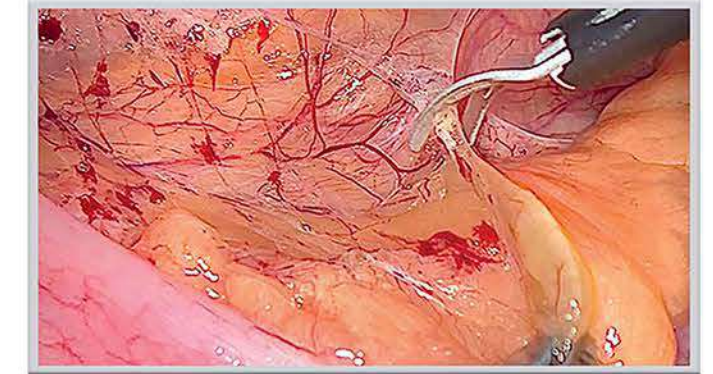
VIDEO ALGORITHMS MAKE THE DIFFERENCE

Various video algorithms are included and provide additional image information. The perfect interplay of these processes makes the difference. Demand-driven presets are optimized to the specific application:

- **Selective Color Enhancement (SCE)**
Highlighting vessels and tissue structures.
- **Smoke reduction**
For a better view during dissection technologies (e.g. HF).
- **Grid removal**
Reduces the honeycomb structure of image bundle endoscopes.
- **Clear view**
Clears the view if liquid blurs the visibility.

NO COMPROMISES IN IMAGE QUALITY

- Latest CMOS chip technology offers this native full HD endoscopy camera a brilliant image quality with highest sensitivity.
- Edge enhancement and dynamic contrast function for best in class performance.
- The combination of a native full HD camera head and video algorithms lead to a more vivid image.



MULTI-CONNECTIVITY

All rigid, flexible or semi-flexible endoscopes with standard eyepiece can be connected, along with most future COVIDIEN chip-in-tip and chip-in-scope products.



CAMERA HEAD

Small, lightweight and ergonomic camera heads with low heat development.

SAFETY FIRST

The light source remote control function on the camera head offers brightness that can be adjusted with the least amount of power needed, avoiding harming the patient or heating up the surgical drape.

YOUR FLEXIBILITY IS OUR VISION

One controller for various applications and future developments ensures long-term efficiency and easy handling. The controller can remain in the OR, no matter what application is needed.



MDT- FV 10.1 Native Full HD Camera

FULL HD IMAGE CAPTURING VIA INTEGRATED USB SLOT

Integrated image capturing module.

Covidien LED Light Source

True White Light – 20,000 hr Lifespan

The LED Light Source features the latest light source technology, including:

Long LED Lifespan

Optimise the LED lifespan with the 20,000 hour Covidien light module, (40x more life than a Xenon™ light bulb).

Dimmable LED Light

Control light intensity electronically (dimable from 5-100%) to lower power consumption and avoid unnecessary heat development.

Heat Decoupling

Prevent heat transmission to the light guiding cable, contributing to a longer lifespan of the light cables and laparoscopes.



Covidien Laparoscopes

Precision Optics – Durable Design

Covidien offers 5 and 10mm diameters with 0 and 30 degrees direction of view, each featuring precise HD-optics, superb contrast as well as outstanding colour reproduction.

High-Quality Image

Ensure the sharpest images with rich contrast and increased depth of field with Covidien's optimised optical system

Durable

Extend lifespan with a robust, laser-welded design and fibres that experience reduced stress in autoclaving. Covidien is using the state of the art, whereby the plane glass is soldered with GOLD SOLDER which increase the tightness.



Direction of view: 0°



Direction of view: 30°

Covidien 50L Insufflator*

User Friendly - Regulated

The insufflator features user-friendly displays and is user-programmable to meet surgeon preferences. Features of the insufflator include:

Thermoregulation

Maintain body temperature with integrated gas heating.

Pressure Regulation

Prevent patient injury from pressure buildup using Veress mode with occlusion alert

Clear Intuitive touchscreen display

Different dedicated modes

Standard, Bariatric, Pediatric and Vessel Harvesting

