

TO BE VISIONARY YOU NEED **TRUE VISION**

The EleVision™ HD 2 platform brochure

Our EleVision™ HD 2 platform can help you provide optimized care to your patients with clear vision in your OR. And its modularity simplifies the purchasing process.

The platform is a flexible, versatile tool offering an array of forward-thinking technology — it's the solution you need.



Medtronic
Further. Together

DISCOVER THE FREEDOM

From access to closure, our portfolio of market-leading technologies allows for the enhancement of laparoscopic procedures for multiple specialties.

There's value in a customizable solution

Our platform allows you to adjust to the present need and create the right solution. That helps ensure clarity and supports your ability to use the comprehensive tool portfolio with:

- Internal video recording
- Advanced imaging modes
- Chip-on-tip and rod-lens camera technologies

The EleVision™ HD 2 platform offers exceptional visualization with:

- Natural colors^{1,2,†,‡}
- Real-time digital removal of surgical smoke^{3,‡,§}
- Advanced imaging modes that can assist in visualization of critical structures during bowel dissection^{1,2,†,Ω}

Our EleVision™ HD 2 platform empowers you with expert support from knowledgeable sales and technical teams. We remain committed to helping you reach your clinical and economic goals.

†Average scores with 19 surgeons on image color and sharpness were 4.6 and 4.7 out of 5, respectively.

‡Based on preclinical or animal studies. Results may not correlate to performance in humans.

§Compared to a traditional rod-lens laparoscope when used in a laparoscopic cholecystectomy and a laparoscopic TAPP hernia repair.

ΩCompared to an unaltered white light image. 13 out of 19 surgeons surveyed agreed.

YOUR SINGLE SURGICAL SOLUTION

Our products can assist you in optimizing all aspects of laparoscopic procedures:

- Visualization
- Trocars
- Hand instruments
- Ligation
- Stapling
- Energy
- Smoke evacuation
- Wound closure



OPTIMIZED DESIGN FOR AN ENHANCED EXPERIENCE

The EleVision™ HD 2 platform has a simplified and streamlined design,^{4,†} to enhance your ability to provide an intuitive user experience before, during, and after surgery.

50 L insufflator

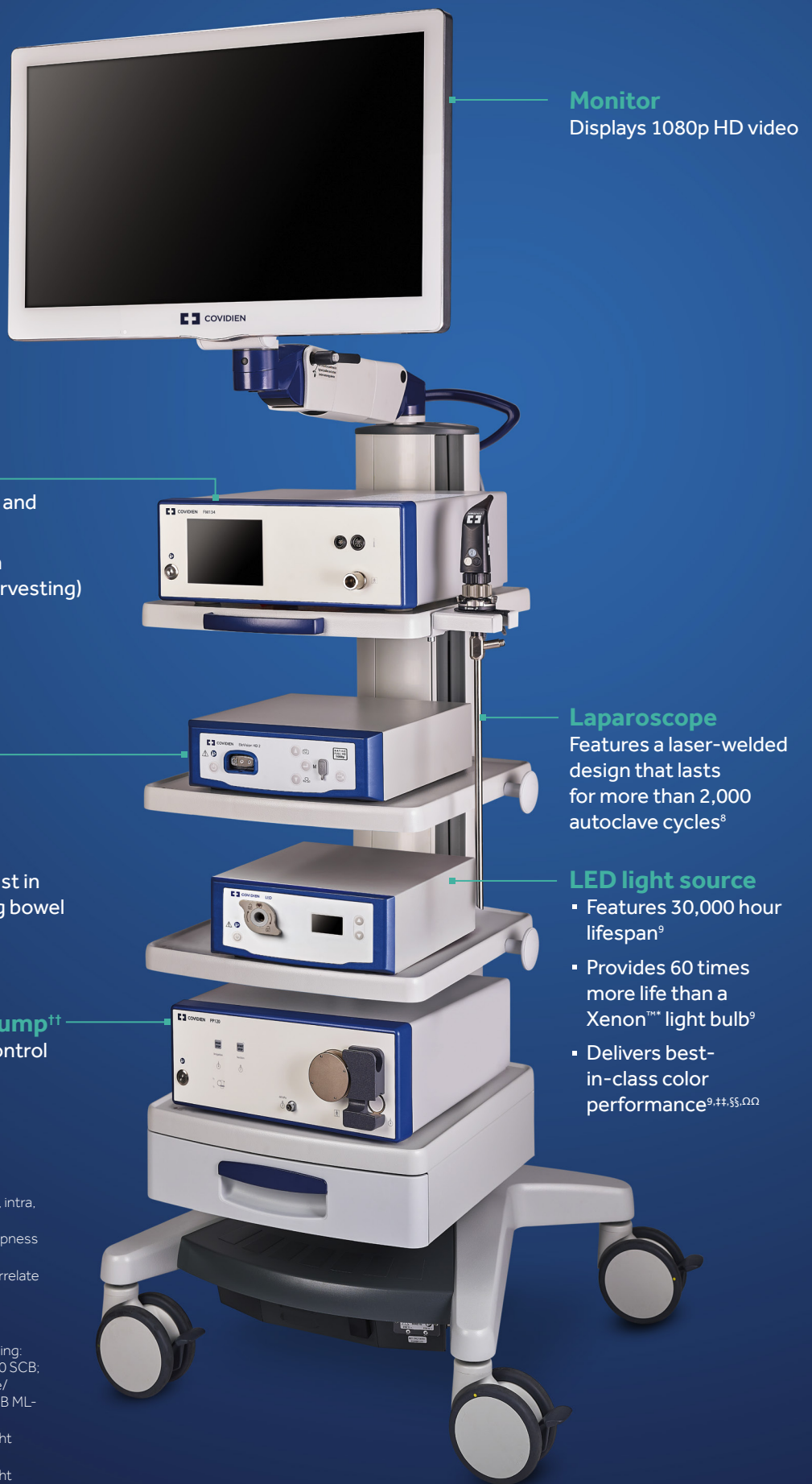
- Easy-to-read display of actual pressure and flow values⁵
- Specialty modes for precise insufflation (standard, bariatric, pediatric, vessel harvesting)
- Offers gas heating to target a 37 C body temperature⁶

CMOS technology camera

- Captures native, HD images
- Maintains sharpness^{1,2,‡,§}
- Better resolution^{7,Ω}
- Advanced imaging mode that could assist in visualization of critical structures during bowel dissection^{1,2,‡,§}

Laparoscopic suction irrigation pump^{††}

- Radio Frequency Identification (RFID) control
- 2.0 l/m suction irrigation



Monitor

Displays 1080p HD video

Laparoscope

Features a laser-welded design that lasts for more than 2,000 autoclave cycles⁸

LED light source

- Features 30,000 hour lifespan⁹
- Provides 60 times more life than a Xenon™ light bulb⁹
- Delivers best-in-class color performance^{9,‡,§,Ω}

† 32 out of 32 surgeons and nurses easily completed all pre, intra, and postoperative usability tasks prior to any training.

‡ Average scores with 19 surgeons on image color and sharpness were 4.6 and 4.7 out of 5, respectively.

§ Based on preclinical or animal studies. Results may not correlate to performance in humans.

Ω Relative to CCD sensors.

†† Not available for sale in the United States and Canada.

‡‡ Compared to other LED light sources, including the following: Karl Storz: LED NOVA 150, Power LED 175, Power LED300 SCB; Stryker: L9000; Richard Wolf: LED1.1-3, LED2.1-2; Lemke/WOM HD camera with integrated LED; ILO LED 3000; MGB ML-L-ASISTO-L3. Data on file.

§§ Color Rendering Index (CRI) measures the ability of the light source to reproduce colors faithfully. LED300 CRI >90.

ΩΩ Color Rendering Index (CRI) measures the ability of the light source to reproduce colors faithfully. LED300 CRI >90.

CLEAR AND CONSISTENT — EVERY TIME

Dual chip-on-tip technology

The TipVision™ videoscope gives you innovative technology for consistent visualization.^{3,†‡} It offers clear vision, that's fog-free,^{3,†,§} and focus-free.[§] Big benefits from a small device. Let our TipVision™ videoscope help you reach a higher resolution and contrast^{10,§,Ω} in the OR — and enjoy more freedom with less clutter.^{††}

Sapphire glass at the distal tip that's:

- Scratch resistant and durable
- Protective of LED lights for consistent performance over the product's lifecycle^{11,‡‡}

Integrated LED lights that offer:

- Simplified clinical workflow by eliminating external light source
- Consistent brightness over the product's lifecycle^{11,‡‡}

Chip-on-tip technology that's:

- Focus-free[§]
- Broad depth of field ranging from 20 mm–200 mm
- Clear, consistent fog-free image^{3,†,‡}

† Compared to a traditional rod-lens laparoscope when used in a laparoscopic cholecystectomy and a laparoscopic TAPP hernia repair.

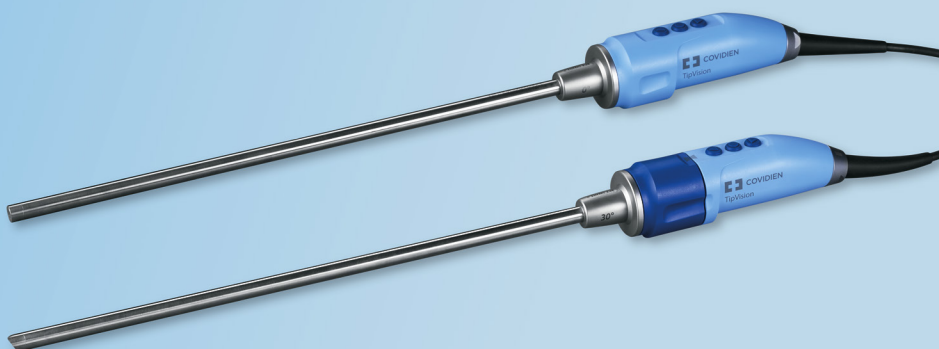
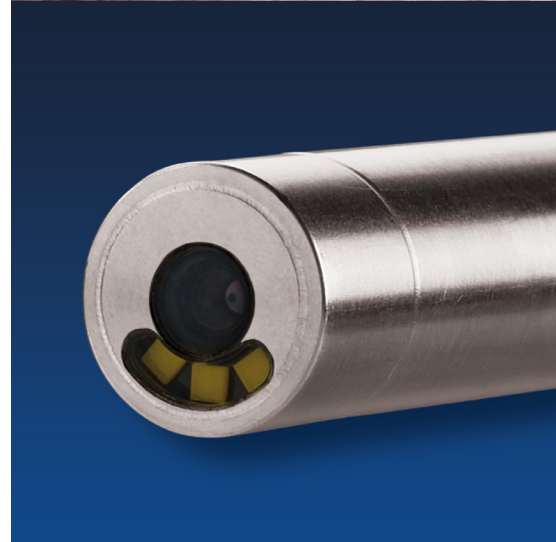
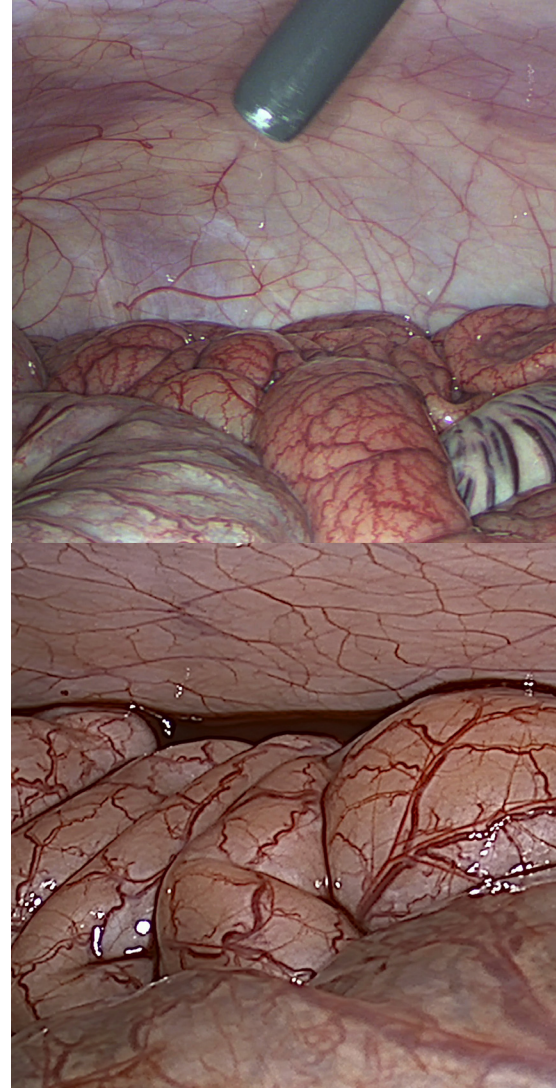
‡ Based on preclinical or animal studies (n=4 cases total). Results may not correlate to performance in humans.

§ TipVision™ videoscope has fixed depth-of-field of 20 mm–200 mm with most optimal image between 30 mm and 60 mm.

Ω Based on IMATEST V4.4 test. Both devices in default setting. Olympus EndoEye™ MTF 50 (LP/PH) vertical and horizontal center measured at 200 and 309, respectively. TipVision™ MTF 50 (LP/PH) vertical and horizontal center measured at 382 and 390, respectively. Olympus EndoEye™ MTF 30 (LP/PH) vertical and horizontal center measured at 234 and 367, respectively. TipVision™ MTF 30 (LP/PH) vertical and horizontal center measured at 501 and 433, respectively.

†† TipVision™ videoscope has one cable instead of two.

‡‡ Compared to traditional rod-lens designs with light fibers and an external light source.



Ordering Information

| Camera heads | |
|--------------|---|
| 95-3901 | Native Full HD Camera Head 1 chip CMOS with parfocal zoom, f = 14.25-28 mm, hydrogen peroxide gas plasma sterilization compatible |
| 95-3906 | EleVision™ HD 2 platform camera head |
| OM-1002-SY | Camera head sterilization tray (used with 95-3901 and 95-3906) |

| Camera control unit | |
|---------------------|---|
| ELEVCCU | EleVision™ Camera Control Unit, image capturing, SCE, SR |
| ELEVCCUVR | EleVision™ Camera Control Unit, image and video recording |

| Light sources and light guides | |
|--------------------------------|--|
| 05.0740LED | LED Light Source |
| 05-0760LED | LED Light Source (CRI >92) |
| 05.0085L.HT | 3.5 x 3000 mm light guide recommended for Xenon™ light sources |
| 05.0087L | 4.8 x 3000 mm light guide for LED light source |
| 05.0088L.HT | 3.5 x 2300 mm light guide recommended for Xenon™ light sources > 300 |
| 05.0090L | 4.8 x 2300 mm light guide for LED light source |
| 05.0090L.HT | 4.8 x 2300 mm light guide recommended for Xenon™ light sources |

| Videoscopes | |
|-------------|--|
| ELEVTV1000 | TipVision™ videoscope, 10 mm, 0 degree |
| ELEVTVTRAY | TipVision™ videoscope sterilization tray |
| ELEVTV1030 | TipVision™ videoscope, 10 mm, 30 degree |

| Laparoscopes | |
|--------------|---|
| 11.0031A | 10.0 mm, HD laparoscope, 344 mm, 0 degrees |
| 11.0041A | 10.0 mm, HD laparoscope, 344 mm, 45 degrees |
| 11.0043A | 10.0 mm, HD laparoscope, 344 mm, 30 degrees |
| 11.0055A | 5.0 mm, HD laparoscope, 312 mm, 0 degrees |
| 11.0057A | 5.0 mm, HD laparoscope, 312 mm, 30 degrees |

| Monitors | |
|--------------|---------------------|
| MLW-2623C-DC | 26" HD Monitor |
| HME2C26 | 26" HD Monitor† |
| MLW-3225C | 32" Monitor Ikegami |

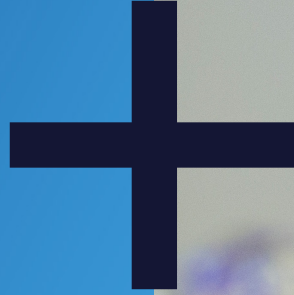
| Insufflator | |
|-------------|---|
| FM134 | Multi-mode insufflator (maximum 50 L/min) |
| Z0260 | Disposable heating insufflation tube with integrated filter (1 box=10 ea) |
| Z0280† | Reusable gas heating insufflation tubing, 100 uses† |
| Z0293 | Disposable insufflation tubing with integrated filter (1 box=10 ea) |
| Z0531-00 | Gas bottle switch valve |
| Z5044-01 | Hose for CO ₂ gas bottle DIN:US, 1.5 m |
| Z5045-01 | Hose for CO ₂ gas bottle ISO:US, 1.5 m |
| Z0499-01 | Hose for CO ₂ gas bottle PIN:US, 1.5 m |
| Z5072-01 | Sinter filter for universal gas connection |
| Z5075-01 | DISS adapter for universal gas connection |
| Z5077-01 | CO ₂ gas connector, angled |
| Z5100-01 | Hose for CO ₂ central gas US:DIN, 3 m |
| Z5101-01 | Hose for CO ₂ central gas US:DIN, 5 m |
| Z5102-01 | Hose for CO ₂ central gas US:NF, 3 m |
| Z5103-01 | Hose for CO ₂ central gas US:NF, 5 m |
| Z5104-01 | Hose for CO ₂ central gas US:UNI, 3 m |
| Z5105-01 | Hose for CO ₂ central gas US:UNI, 5 m |
| Z5106-01 | Hose for CO ₂ central gas US:AGA, 3 m |
| Z5107-01 | Hose for CO ₂ central gas US:AGA, 5 m |
| Z5108-01 | Hose for CO ₂ central gas DISS:DISS, 3 m |

| Laparoscopic suction irrigation pump | |
|--------------------------------------|---|
| PP120† | Laparoscopic suction irrigation pump |
| T0502-01† | Tube set outflow, disposable (1 box = 10 pcs.) |
| T0504-01† | Tube set, vacuum, single use (1 box = 10 pcs.) |
| T0505-01† | Tube set for irrigation, disposable, RFID (1 box = 10 pcs.) |
| T0506-01† | Tube set for irrigation, reusable, 20 uses, RFID |
| Z0554-01† | Waste container (1 box = 2 pc.) |

| Carts | |
|-------------|---|
| KU-5576-902 | Equipment cart, one monitor (max 14 kg) |
| KU-5167-902 | Equipment cart for two monitors (fixed arm, max 14 kg. Flexible arm, max 10 kg) |
| KU-7211-902 | Equipment cart for one monitor (max 18 kg) |

†Check regional product availability with your sales representative.

‡Not available for sale in the United States and Canada.



The choice is clear.

Learn more at [medtronic.com/hd2](https://www.medtronic.com/hd2)

1. Based on internal test report #RE00176521, EleVision™ HD 2 platform usability validation lab. February 2019. Data on file.
2. Based on internal test report #RE00176522, EleVision™ HD 2 platform usability validation lab. February 2019. Data on file.
3. Based on internal report #RE00253641, TipVision™ videoscope preclinical performance report. March 2020. Data on file.
4. Based on internal test report #RE00246399, EleVision™ HD 2 platform summative usability validation lab. February 2019. Data on file.
5. Based on internal test report FM134, Rev 0.4 World of Medicine. Schwab. Usability review of FM134. May 2018. Data on file.
6. Pankalla S. Verification report. functional performance verification for the tube set ST 280. Worldof Medicine. July 2017.
7. Weber K. New Trends and Implementations in Imaging Technology for the Future of Live Production. March 2013.
8. Bohusch H, Kubon M. IP clearance statement, chip-in-tip laparoscope, Rev 03. Schoelly. March 2020. Data on file.
9. Based on internal report #VD1091, Rev 03. Scholley. April 2018. Data on file.
10. Based on internal report #VD2143, Rev 00. Scholley. June 2019. Data on file.
11. Based on internal report #VD2124, Rev 00. Scholley. June 2019. Data on file.

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