

# ONE SYSTEM. YOUR COMPLETE SOLUTION.

Together, the EleVision™ HD 1 system components enable — and empower surgeons to optimize — minimally invasive surgeries (MIS)

## 50 L insufflator

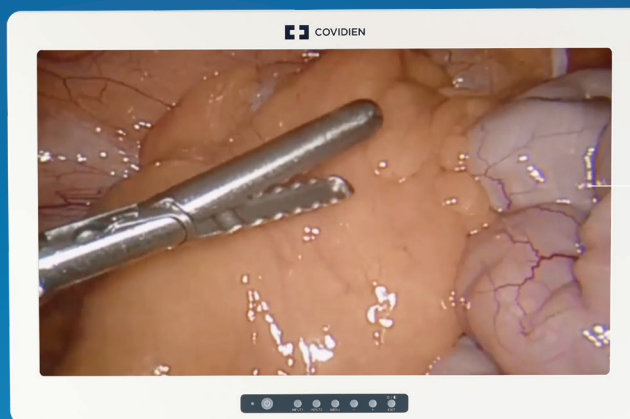
- Simple-to-use pressure and flow settings<sup>2</sup>
- Easy-to-read display of actual pressure and flow values<sup>2</sup>
- Individual programming options<sup>2</sup>
- Offers gas heating to target a 37 C body temperature<sup>3</sup>

## CMOS technology camera

- Captures native, HD images
- Maintains sharpness
- Provides better resolution<sup>4</sup>
- Enables color enhancement that can improve identification and characterization of critical structures<sup>1</sup>

## Laparoscopic suction irrigation pump

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



**Monitor**  
Displays 1080p  
HD video



**Laparoscope**  
Features a laser-welded design that lasts for more than 2,000 autoclave cycles<sup>5,†</sup>

**LED light source**

- Features 20,000-hour lifespan<sup>6</sup>
- Delivers 40 times more life than a Xenon™ light bulb<sup>6</sup>

†Based on 10 mm laparoscope autoclave cycle test and validation of laser welding summary. Schoelly internal testing, 4-28-2015.

# SYSTEM COMPETITIVE COMPARISON†

Medtronic

COMPANY	MODEL	IMAGE ENHANCEMENT MODE(S)	CMOS/ CCD	LIGHT SOURCE
Medtronic	EleVision™ HD 1 System	Smoke reduction Color enhancement	CMOS	LED
Karl Storz™**	Image 1 S Connect II (CCU) Image 1 H3-Z FI (camera head)	Chroma Clara	CCD	LED
Olympus™**	CV-190 (CCU) CH-S190-XZ-E/Q (camera head)	NBI	CCD	Xenon™**
Stryker™**	1488	Clarity (not included) InfraVision (not included)	CMOS	LED (L9000)
	1288	Clarity (not included) InfraVision (not included)	CCD	Xenon™** (X8000)
	1188	None	CCD	Xenon™** (X8000)
Richard Wolf™**	3-Chip HD camera head Endocam Logic	Color contrast I-III	CCD	LED
	1-Chip HD camera head Endocam Logic	Color contrast I-III	CMOS	LED
ConMed™**	True HD 3CMOS CCU True HD 3CMOS camera head	None	CMOS	LED

# INSUFFLATOR COMPETITIVE COMPARISON

COMPANY	MAX GAS FLOW L/MIN	GAS WARMING	FEATURES
Medtronic 50 L Insufflator	50	YES	Pediatric, vessel harvesting, and bariatric modes for precise insufflation
Storz™** Endoflator 50	50	YES	Sensitive mode for sensitive applications (e.g., in pediatric surgery)
Olympus™** UHI-4	45	NO	Automatic smoke evacuation
Richard Wolf™** Highflow 45	45	YES	Four different hardware versions
Stryker™** Pneumosure	45	YES	Real-time pressure sensing
Aesculap™** Flow 40	45	YES	Gas warming

†Based on competitive website Aug 13, 2019 and competitive IFU.



**NEXT GenWorks**  
Defining tomorrow, *today.*

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