

ENDOFLATOR® Portfolio

Comparison Guide



Comparison Guide

We are committed to providing surgeons with advanced and reliable insufflation technology.

This guide compares our latest offering, the ENDOFLATOR® + (UI600), with our previous models, ENDOFLATOR® 40 (UI400) and ENDOFLATOR® 50 (UI500).

Insufflation Modes:

Insufflation is the flow of CO₂ gas into a body cavity.

Smoke Evacuation:

This feature removes and filters generated smoke during surgery, for improved air quality and visibility.

Heating:

The heating feature warms the insufflated CO₂ gas to body temperature.

Humidification:

Humidification of the insufflated CO₂ gas with sterile water.

UI400



- High Flow (also suitable for Robotic and Bariatric)
- Pediatric
- Flow rate up to 40 l/min

- Further equipment required:
 - KARL STORZ s-pilot® smoke evacuation system
 - Additional tubing sets
 - Vacuum source + secretion container

- No heating

- No humidification

UI500



- High Flow (also suitable for Robotic and Bariatric)
- Pediatric
- Option to create custom modes
- Flow rate up to 50 l/min

- Further equipment required:
 - KARL STORZ s-pilot® smoke evacuation system
 - Additional tubing sets
 - Vacuum source + secretion container

- Heated gas available through heated insufflation tubing

- No humidification

UI600



- High Flow (also suitable for Robotic and Bariatric)
- Pediatric
- Dedicated modes for proctology procedures (Transanal Endoscopic Operations (TEO®) and Transanal Total Mesorectal Excision (TaTME) with procedure-specific insufflation algorithms)
- Dedicated modes for Endoscopic Vessel Harvesting (EVH) with procedure-specific insufflation algorithm
- Flow rate up to 50 l/min

- Integrated smoke evacuation:
 - “Continuous” mode
 - “HF device” mode (several HF devices are compatible; see IFU for more info)
- Designed with the future in mind

- Heated gas available through heated insufflation tubing

- Humidified gas available through humidified insufflation tubing

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Desufflation:

Evacuation of the CO₂ gas in the abdominal cavity, so that the CO₂ and the potentially generated smoke is filtered before it enters the operating room.

Gas Bottle Display:

All models (UI400, UI500, and UI600) display gas level and gas consumption (e.g., per indication/day/etc.).

Trocar Compatibility:

Trocar compatibility ensures seamless integration with various trocar systems.

Tubing Sets:

Different options of tubing sets to deliver gas into the body cavity.

Message Alerts:

This feature provides informative messages to alert users of potential issues.

UI400



- No desufflation

- Basic gas level display

- All trocars with LUER-Lock connection
- HiCap® trocar from KARL STORZ

- Single-use tubing sets
- Reusable tubing sets

- Errors, alerts, and messages display on the touchscreen and surgical monitors

UI500



- No desufflation

- Basic gas level display

- All trocars with LUER-Lock connection
- HiCap® trocar from KARL STORZ

- Single-use tubing sets
- Reusable tubing sets

- Errors, alerts, and messages display on the touchscreen and surgical monitors

UI600



- Available with smoke evacuation tubing sets

- Color-coded (green, yellow, red) gas level display
- Gas inlet pressure display

- All trocars with LUER-Lock connection

- Single-use tubing sets with RFID detection technology

- Detailed errors, alerts, and messages display on the touchscreen with suggested solutions

Find Your Match

For more information about our ENDOFLATOR® family and accessories and to discuss which option is best for your practice, please contact your KARL STORZ representative.



Learn how ENDOFLATOR® can elevate your practice.

It is recommended to check the suitability of the product for the intended procedure prior to use. Please note that the described products in this medium may not be available yet in all countries due to different regulatory requirements.





The Health of People Is Our Daily Motivation

Together with leading physicians, universities, and research institutes, we identify and shape trends to translate them into cutting-edge solutions designed for the most challenging surgical procedures and conditions worldwide.



Learn more at
www.karlstorz.com

STORZ
KARL STORZ – ENDOSKOPE

KARL STORZ SE & Co. KG
78532 Tuttlingen, Germany
Postbox 230, 78503 Tuttlingen, Germany

Phone: +49 7461 708-0
Fax: +49 7461 708-105
E-Mail: info@karlstorz.com