

EndoLine Light Sources



Optimal illumination is a critical requirement in endoscopy, both for diagnostic and surgical purposes.

The **emd**[®] **EndoLine** light sources are equipped with a high-power LED module, which enables efficient use of the device for all the endoscopic application, providing a full coverage from lower light demanding ENT examinations to high light demanding laparoscopic surgeries.

The dual version contains two separate LED modules which can be used simultaneously. This model can be operated as two full-power light sources - even with different light intensity settings - by connecting two light guide cables simultaneously. At the same time, the dual device can also be considered as an equipment with an integrated back-up device, which ensures safe operation for health professionals during the whole surgical procedure.

An outstanding feature of the two **EndoLine** light sources is the **automatic light guide cable detection**. For both the single and dual versions, the device detects whether the light guide cable is connected in its socket and switches the LED module on or off accordingly. This innovative development extends the active life of the LED module and provides a reassuring solution if the control unit is switched on but no fibre optic cable is connected (**no more blinding**).

Intelligent Illumination. Maximum Power.

- ⊕ SINGLE & DUAL MODELS
- ⊕ HIGH PERFORMANCE LED MODULE (3600 LUMEN FOR EACH MODULE)
- ⊕ AUTOMATIC DETECTION OF THE LIGHT GUIDE CABLE
- ⊕ TOUCH SCREEN DISPLAY FOR EASY HANDLING AND CLEANING
- ⊕ BUILT IN ROTATABLE ADAPTER FOR SEVERAL BRANDS (FOR STORZ, WOLF AND OLYMPUS LIGHT GUIDE CABLES)
- ⊕ MANUAL LIGHT INTENSITY CONTROL ON THE FRONT PANEL
- ⊕ AUTOMATIC LIGHT INTENSITY CONTROL (FOR **emd**[®] **EndoLine** 4K CAMERA ONLY)

TOUCH SCREEN FRONT PANEL

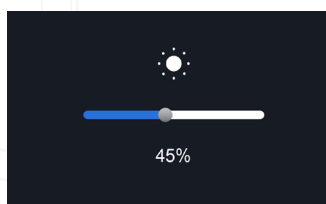
With its one-piece glass front panel, the **EndoLine Light Source Control Unit** was designed with medical hygiene and user practicality in mind.

The touch screen display offers easy handling and all-inclusive cleaning options. The user-friendly menu navigation helps the operator to simply access the functions.



LIGHT/DARK APPEARANCE

The user has the possibility to switch between light and dark view modes at any point during the procedure.



Screen brightness is easily adjustable according to the needs of operating environment.



5010.41-L

LIGHT SOURCE CONTROL UNIT WITH 1 LIGHT OUTPUT (SINGLE)

Power consumption: 300 VA
Power Supply: 110-240 VAC; 50-60 Hz
Weight: 5kg
Dimension: 320mm x 380mm x 120mm
Device risk class: Class I.
Protection class: Class I.
Applied parts: Type BF
IP protection: IPX0

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LIGHT SOURCE CONTROL UNIT WITH 2 LIGHT OUTPUTS (DUAL)

Power consumption: 300 VA
Power Supply: 110-240 VAC; 50-60 Hz
Weight: 6kg
Dimension: 320mm x 380mm x 120mm
Device risk class: Class I.
Protection class: Class I.
Applied parts: Type BF
IP protection: IPX0