

OLYMPUS®

Your Vision, Our Future

EVIS EXERA II XENON LIGHT SOURCE

OLYMPUS CLV-180

EVIS
EXERA II

High-intensity 300-watt light source delivers the illumination to drive HDTV and a new Narrow Band Imaging feature enhances visualization capabilities



Main Features

- Equipped with specially coated filters for NBI (Narrow Band Imaging).
 - Automatically switches off when the unit has not been used for an extended period of time.
 - Automatically adjusts light intensity to achieve ideal illumination for observation of the gastrointestinal tract.
 - Powerful 300-watt xenon lamp.
 - Backlit front panel indicators and controls improve operability.
 - Equipped with special filter* for PDD (Photo Dynamic Diagnosis)
- * Optionally available only in Europe.



Specifications

Automatic brightness control	Automatic brightness control method	Servo-diaphragm method
	Automatic exposure	17 steps
Air feeding	Pump	Diaphragm type pump
	Pressure switching	4-level available (off, low, mid, high)
Water feeding	Method	Air pressurization or detachable water container
Indicators on front panel	Emergency lamp	It reports absence of emergency lamp, disconnection and use of emergency lamp.
	NBI mode	It reports preparation and use of NBI mode.
Setting memory		Settings (except filter setting) are stored even when the light source is OFF.
Illumination	Examination Lamp	Xenon short-arc lamp (ozone-free) 300 W
	Average lamp life	Approx. 500 hours on continuous use (With intermittent use, the lamp life may vary slightly.)
	Ignition method	Switching regulator
	Brightness adjustment	Light-path diaphragm control
	Cooling	Forced-air cooling
	Color conversion	Possible by using special-purpose filter
	Emergency lamp	Halogen lamp (within mirror) 12 V 35 W
	Average emergency lamp life	Approximately 500 hours
Classification as medical electrical equipment	Type of protection against electric shock	Class I
	Degree of protection against electric shock of applied part	Type BF applied part
	Degree of protection against explosion	NOTE: The applied part as classification types are not marked is Type BF applied part. Use prohibited in flammable environment.
Power supply	Voltage	100–120 V, 220–240 V AC
	Voltage fluctuation	Within $\pm 10\%$
	Frequency	50/60 Hz
	Frequency fluctuation	Within $\pm 1\text{Hz}$
	Consumption electric power	500VA
	Fuse rating	8A, 250V
	Fuse size	$\phi 5\text{ mm} \times 20\text{ mm}$
Size	Dimensions	381 (W) \times 162 (H) \times 536 (D) mm (maximum)
	Weight	15.4 kg

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.



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OLYMPUS AUSTRALIA PTY LTD
31 Gilby Road, Mount Waverley, VIC., 3149, Australia

Main Features

- Equipped with specially coated filters for NBI (Narrow Band Imaging). (Only for GI)
- Automatically switches off when the unit has not been used for an extended period of time.
- Automatically adjusts light intensity to achieve ideal illumination for observation of the gastrointestinal tract.
- Powerful 300-watt xenon lamp.
- Backlit front panel indicators and controls improve operability.



Specifications

Automatic brightness control	Automatic brightness control method	Servo-diaphragm method
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	Pressure switching	4-level available (off, low, mid, high)
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