

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). (Only for GI)
- Lamp can be turned on/off without turning off the equipment.
- 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
	Automatic exposure	17 steps
Air feeding	Pump	Diaphragm type pump
	Pressure switching	Four levels available (off, low, mid, high)
Water feeding	Method	Air pressurization or detachable water container
Indicators on front panel	Emergency lamp	Reports absence of emergency lamp, disconnection and use of emergency lamp.
	NBI mode	Lights in green under normal observation and lights in white under the NBI observation.
	OP.1	Lights if a special filter is installed in the light source.
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 of 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 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	Depends on applied part. See also applied part (Camera head or videoscope).
	Degree of protection against explosion	The light source should be kept away from flammable gases.
Power supply	Voltage	100–120 VAC
	Voltage fluctuation	Within ±10%
	Frequency	50/60 Hz
	Frequency fluctuation	Within ±1Hz
	Consumption of electric power	500 VA
	Fuse rating	8 A, 250 V
	Fuse size	5 mm x 20 mm
Size	Dimensions	383 (W) × 162 (H) × 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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