

OLYMPUS®

Your Vision, Our Future

EVIS LUCERA
ELITE

EVIS LUCERA ELITE XENON LIGHT SOURCE

CLV-290SL

One-touch access to HDTV and NBI



Main Features

- NBI (Narrow Band Imaging) in EVIS LUCERA ELITE provides twice the viewable distance of EVIS LUCERA SPECTRUM, while advanced noise reduction works more effectively and image response speed from dark to bright is much faster.
- The newly designed waterproof one-touch connector allows a one-step connection to the light source and does not require a scope cable.
- Considerable reduction in operating noise thanks to redesigned fan.
- Link connection to peripheral devices avoids complicated cable connections and accelerates transmission speed.
- Improved AFI (Auto Fluorescence Imaging) produces less color splitting by quicker image tracking than previous models. With its high image quality and minimized noise, it helps accurate observation of mucosal conditions.



Specifications

Power Supply	Rated voltage	100–240 V AC; within ±10%
	Rated frequency	50/60 Hz; within ±1 Hz
	Rated input	600 VA
Size	Dimensions (W x H x D)	370 x 150 x 476 mm (standard) 390 x 162 x 551 mm (maximum)
	Weight	18.5 kg
Illumination	Examination lamp	Xenon short-arc lamp (ozone-free) 300 W
	Average lamp life	Approximately 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
	NBI observation	Available
	AFI observation	Available
	IRI observation	Available
	Emergency lamp	Halogen lamp (within mirror) 12 V 35 W
Automatic Brightness Adjustment	Average emergency lamp life	Approximately 500 hours
	Automatic brightness adjustment method	Servo-diaphragm method
Air Feeding	Automatic exposure	17 steps
	Pump	Diaphragm type pump
Water Feeding	Pressure switching	4-level available (OFF, low, medium, high)
	Method	Feeds water by pressurizing the detachable water container with air.
Indicators on Front Panel	Emergency lamp	Indicates absence of emergency lamp, disconnection and use of emergency lamp.
	NBI	When the NBI observation is enabled, the NBI indicator lights up.
	AFI	When the AFI observation is enabled, the AFI indicator lights up.
	IRI	When the IRI observation is enabled, the IRI indicator lights up.
Setting Memory		Settings (except filter setting) are stored even when the light source is OFF.
Classification (medical electrical equipment)	Type of protection against electric shock	Class I
	Degree of protection against electric shock of applied part	TYPE BF applied part NOTE: The applied part as classification types are not marked is the TYPE BF applied part.
	Degree of protection against explosion	This instrument should be kept away from flammable gases.

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



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