

LED Light Source

LV-200LED / LV-400LED



High-end light source providing natural colors of video of an endoscopic camera. Characterized by a long life of LED emitter and continuous regulation of light intensity. Ready to be used with several different light guide cable connector's types.

Features

	200LED-10	400LED-10	400LED-20
Number of lumens	2100	2800	2650
Light efficiency comparable to	100W xenon lamp	180W xenon lamp	180W xenon lamp
Color temperature	6500°K	6500°K	5500°K
Color Rendering Index	CRI 75	CRI 75	CRI 95

Strengths

- > Daylight color temperature (very high Color Rendering Index)
- > Excellent true colors' projection
- > Clear picture having a positive impact on work comfort and decreasing tiredness during longer surgeries
- > Availability of various light guide cable connector's types (STORZ, WOLF, OLYMPUS, etc.)
- > Smooth regulation of light intensity in the whole range of 1-100%
- > Ultra silent work
- > Economic usage due to low power consumption
- > Long life of LED emitter (min. 50 000 hours of work)
- > Memory of recent settings
- > Esthetic and modern design

Technical parameters

CONSOLE (200LED-10 / 400LED-10 / 400LED-20)

LED emitter type	High Power LED / High Power LED / Daylight High Power LED
Number of lumens [lm]	2100 / 2800 / 2650
Light efficiency comparable to	100W xenon lamp / 180W xenon lamp / 180W xenon lamp
Power consumption	95VA / 115VA / 115VA
Color temperature	6500°K (± 5%) / 6500°K (± 5%) / 5500°K (± 5%)
Colour Rendering Index	CRI 75 / CRI 75 / CRI 95
Standard connection / socket for light guide cable	K.Storz, other- optional and upon request
Life time of emitter	Min. 50.000 hours
Supply voltage	100-240V AC
Power frequency	50/60Hz
Safety class	Applied part - type BF
External dimensions	D: 306 mm x W: 330 mm x H: 96 mm
Weight	6 kg
Intensity adjustment	Manual - electronic 1-100% range, with 1% step
Ambient temperature	During operation: +10°C to +40°C During storage and transport: -20° C to +45°C
Max. relative humidity	During operation: 70% During storage and transport: 70%
CE Standard	EN60601-1; EN60601-1-2; IEC60601-2-18



LIGHT GUIDE CABLES

Light Guide Cables dedicated to Vimex Endoscopy devices. Made from special fiber bundle to provide efficient transmission of light and the highest number of lumens reaching an endoscope. Fully autoclavable. Two fixed connectors making it easy to connect a light source and an endoscope.

Cable diameter	1,4/1,6mm; 2,2/2,5mm; 3,2/3,5mm; 4,5/4,8mm
Length	1,8 to 5m

