

Xenon Light Source

LV-100X / LV-180X / LV-300X



Xenon light source characterized by its high power and very true colors projection of tissue. Perfect for endoscopy surgeries that require large amount of light with relatively low power consumption. Ready to be used with several light guide cable connector's types.

Features

	100X-10	180X-10	300X-10
Performance	100W	180W	300W
Color temperature	6000°K	6000°K	5800°K
Lamp geometry	Focusing reflector	Focusing reflector	Parabolic lamp

Strenghts

- > Stable color temperature
- > Very true colors projection of tissue
- > 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 intensivity in the whole range of 1-100%
- > Ultra silent work
- > Economic mode extending life time of a lamp
- > An average life time of a lamp: 500 hours
- > A special function informing a user about the necessity of changing a lamp
- > Memory of recent settings
- > Esthetic and modern design

Technical parameters

CONSOLE (100X-10 / 180X-10 / 300X-10)

Type of lamp	XBO R 100/45C / XBO R 180/45C / CL-300BF
Performance	100W / 180W / 300W
Power consumption	150W / 280W / 370W
Lamp geometry	OSRAM focusing reflector / OSRAM focusing reflector / Cermax parabolic lamp
Color temperature	6000°K / 6000°K / 5800°K
Weight	6,8 kg / 6,8 kg / 7,5 kg
External dimensions	D: 306 mm x W: 330 mm x H: 120 mm
Standard connection / socket for light guide cable:	STORZ, WOLF, OLYMPUS, other - optional and upon request
Average life time of the lamp	500 hours
Supply voltage	100-240V AC
Power frequency	50/60Hz
Safety class	Applied part - type BF
Intensity adjustment	Manual - electronic 1-100% range, with 1% step
Ambient temperature	During operation: +10°C to +40°C During storage and transport: od -20° C to +45°C
Max. relative humidity	During operation: 70% During storage and transport: 70%
CE Standard	EN60601-1; EN60601-1-2; EN60601-2-18



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

