

HIGH INTENSITY XENON LIGHT SOURCES

Made in Germany

Xenon XL-300M-TC



Xenon XL-M100-T



Xenon XL-M180

Xenon XL-M100 **Xenon XL-M180** **Xenon XL-300M**

optional:

life time indicator
turret adapter
halogen spare lamp

- low noise
- low heat conduction
- motor-driven light control
- daylight quality

XL-M100 / XL-M180 / XL-300M

The XL-M100 / XL-M180 / XL-300M offers the professional user the most advanced pure day light sources (5600°K colour temperature).

It contains an improved high intensity and low heat conductive xenon lamp.

■ LAMP

The built-in lamp is a specially developed xenon gas discharge lamp, filled with non-polluting xenon gas. The lamp design is optimized for endoscopic applications. Its design features a high efficiency reflector (and lens-system XL-300M) which focusses light more effectively on the fiberoptic light guide. When the lifetime of the lamp (500 hrs.) has expired, the lamp is simply replaced by a new one within minutes - no tools and no adjustments are required.

■ LIGHT CONTROL

The output intensity is controlled steplessly via a motor driven, mechanical diaphragm. This ensures a constant colour temperature. The output intensity is set by push buttons.

■ CONNECTION

An interchangeable adapter system for all types of endoscopes, fibrescopes and microscopes ensures that the light sources can be operated in all applications. For more flexibility the light source is available with a TURRET-adapter system. The TURRET-adapter contains four adapters (Storz / Wolf / Olympus / ACMI) in a simple turning mechanism.

■ QUALITY

The light sources fulfill all essential safety demands. The rugged desk housing and the flat, waterproof touch control panel withstands all daily used requirements.

For highest safety requirements, we offer the XL-M series also with built-in 150 Watt Halogen lamp as emergency illumination. In case of lamp defects during operation the emergency lamp is automatically switched on.

MODELS

XL-M100	100 Watt Xenon lamp
XL-M180	180 Watt Xenon lamp
XL-300M	300 Watt Xenon lamp
XL-....-HL150	with built-in 150 Watt Halogen lamp

OPTIONS

XL-....-T	with TURRET-adapter system
XL-....-C	with life time indicator (electronical)
XL-....-TC	with TURRET-adapter and life time indicator

Xenon Light Sources

Technical Data

Type	XL-M100 XL-M180 XL-300M
Power supply	110/115 VAC and 230/240 VAC, switchable
Dimensions (WxHxD)	355 x 110 x 347 mm
Weight	9,5 kg 11,5 kg 13,5 kg
Power consumption	185 W 280 W 370 W
Light guide adapter	interchangeable
Video input	1 x VBS, 1 x S-VHS (Y/C)
Lamp	xenon short arc gas discharge lamp, elliptical cold light reflector
Class / Type	1 / BF
Manufactured and tested acc.	IEC 601-1 / CE EN 60601-1 93/42 ECC

Accessories

Glass fibre light guides

Lengths	1800, 2300, 3000, 5000 mm
Diameter	3,5 mm, 4,8 mm

Fluid light guides

Lengths	1800, 2300, 3000, 5000 mm
Diameter	3,5 mm, 5 mm

Delivery contains

Light source
Mains cable
User manual



TURRET-adapter

