

HIGH INTENSITY XENON LIGHT SOURCES

Made in Germany

Xenon XL-300A-T



Xenon XL-A100-T



Xenon XL-A180

Xenon XL-A100 **Xenon XL-A180** **Xenon XL-300A**

optional:
turret adapter

- low noise
- daylight quality
- motor-driven light control
- low heat conduction
- life time indicator

XL-A100 / XL-A180 / XL-300A

The Xenon XL-A100 / Xenon XL-A180 / Xenon XL-300A 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, which life duration is indicated by an operating-time indicator.

The automatic high speed light level control works perfectly with video cameras.

■ LAMP

The built-in lamp is a new 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 - Xenon XL-300A) 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 seconds - no tool and no adjustment is required.

■ LIGHT CONTROL

The output intensity is controlled steplessly via a mechanical diaphragm. This ensures a constant colour temperature. The output intensity can be 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-use requirements.

MODELS

XL-A100	100 Watt Xenon lamp
XL-A180	180 Watt Xenon lamp
XL-300A	300 Watt Xenon lamp

OPTIONS

XL-....-T	with TURRET-adapter system
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Xenon Light Sources

Technical Data

Type	XL-A100 XL-A180 XL-300A
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

