



M-X180-2400

LIGHT SOURCE CAMERA COMBINATION

Made in Germany

M-X100-2400
M-X180-2400
M-X100-1900
M-X180-1900

- high-intensity xenon light source
- daylight quality (5.600°K)
- space saving compact design
- reliable components
- remote camera head (option)

LIGHT SOURCE CAMERA COMBINATION

M-X100-2400 / M-X180-2400

M-X100-1900 / M-X180-1900

1/3" high resolution sensor of the latest generation. Individual camera settings via **ON-SCREEN-MENU** (only -2400 versions).

Preadjustments (on -1900) for **WINDOW** function and **ANTI-MOIRÉ**-filter.

WINDOW function for partial brightness measurement under difficult illumination situations.

ANTI-MOIRÉ-filter (electronical) to reduce moiré-effects while working with flexible fibrescopes.

This videoprocessor series combines powerful XENON light sources with full digital processing 1-CCD cameras. Space saving compact design. XENON light source with high energy reflector lamps, optimized for endoscopic applications. Exchangeable light guide adapter for use of different light guide systems. High resolution digital CCD camera system for best image quality. Different camera options to meet every demand. Maximum flexibility with exchangeable C-Mount adapters and individual adjustments over On-Screen-Menu (only -2400 version).

CAMERA HEAD

Light weight C-Mount camera head with ergonomical design. Various range of TV-Adapters (Zoom-Adapters, Beamsplitters, Microscope-Adapters) can be attached. Camera head, cable and connector (using attached waterproof cap) can be immersed in a disinfectant solution.

LIGHT SOURCE

Powerful 100 or 180 Watt light source with XENON reflector lamps. Exchangeable adapters for different light guide systems. Direct focussing without lenses. Lamp change without any adjustments. Heat reflecting / infra-red filter. Motor driven, mechanical diaphragm for intensity control.

MODELS

M-X100-...	100 Watt XENON lamp
M-X180-...	180 Watt XENON lamp
M-X...-2400	ON-SCREEN-MENU / WHITE BALANCE / WINDOW (adjustable)
M-X...-1900	WHITE BALANCE, WINDOW (preadjusted) / BOOST

AVAILABLE OPTIONS

-R	Remote camera head for panel functions or video printer
-F	FREEZE function for image freezing

TECHNICAL DATA

Video System	PAL / NTSC
CCD-Sensor	1/3" (440.000 pixel) 752(H) x 582(V)
Video Resolution	470 TV-lines
Shutter Range	1/50 sec - 1/100.000 sec
Sensitivity	0,9 Lux (f:1,4)
Video Outputs	1 x Y/C (S-VHS), 1 x VBS (VHS)
Lamp	M-X100-... XENON reflector lamp 100 Watt / 5.600 °K M-X180-... XENON reflector lamp 180 Watt / 5.600 °K
Power Supply	115 VAC or 230 VAC
Dimensions (WxHxD)	355 x 110 x 347 mm
Weight	CCU: 8 kg Camera head: 65 g
Class / Type	1 / BF
Manufactured and tested acc.	IEC 601-1 / ☹ EN 60601-1 93/42 ECC

Delivery contains

CCU, camera head with 3 meter cable
Mains cable
Y/C cable
BNC cable
User manual