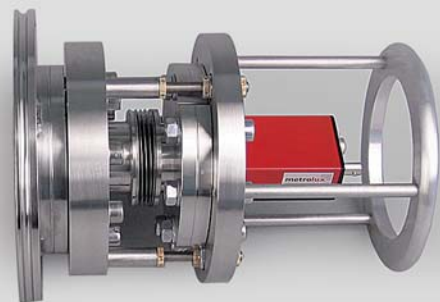


- **High vacuum compatible**
- **Quantum converter coated onto CCD**
- **Broad sensitivity range**
(1 nm to 300 nm, 1100 nm optional)
- **Many off the shelf accessories**
- **Custom designs and digital systems available on request**

Everything can be improved • We give you a tool to be faster



Optical specifications

Camera:	Analog CCD
Detector:	Si with quantum converter
Spatial resolution:	50 μm
Sensor size:	6.5 mm x 8.6 mm
Pixel array:	570 x 768
Spectral range:	1 nm to 300 nm
EUV option:	6 nm to 19 nm with bandpass filter (200 nm with zirconium filter)
Sensitivity:	500 pW/cm ²
Quantum converter:	K2
Dynamic range:	> 150:1

Electrical specifications

Settings:	manual gain, fixed gain, auto gain, shutter speed 20 ms or 1 ms
Video out:	CCIR, 1 Vpp, 75 Ohm BNC
Operating voltage:	DC 12 V, 250 mA max, Hirose-connector

Mechanical specifications

Mounting flange:	DN63-ISO-KF (on request)
Vacuum flange:	DN63-ISO-KF
Vacuum specifications:	HV, stainless steel construction
Dimensions:	Length: 130 mm, diameter: 80 mm
Weight:	0.9 kg (app.)

Accessories

Software:	beamlux II
Computer:	PC or laptop with video frame grabber
Trigger unit:	LSD (laser synchronization device)
Mounting fixtures:	HV adapter flanges
Metal bandpass filter:	200 μm zirconium filter (transmission: 6 to 19 nm)