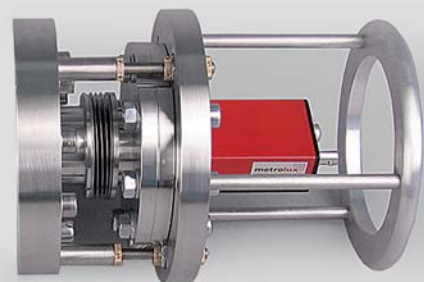


- HV compatibility
- Quantum converter on CCD
- Wide sensitivity range, 1 nm to 300 nm, 1100 nm optional
- Many accessories
- Custom designs and digital version available on request

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## UV - Energy meter ML7320

### Optical specifications

Detector:	Si, with spatial resolution and converter coating
Spectral range:	1 nm to 300 nm
EUV option:	6 nm to 19 nm with bandpass filter (200 nm with Zirconium filter)
Spatial resolution:	app. 50 $\mu\text{m}$
Sensor size:	6.6 x 8.8 mm <sup>2</sup>
Sensitivity:	app. 500 pW/cm <sup>2</sup>
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, stabilized, 250 mA, max, Hirose connector

### Mechanical specifications

Mounting flange:	DN63-ISO-KF
Vacuum connector:	DN63-ISO-KF
Vacuum specification:	HV, stainless steel construction
Length:	about 130 mm, diameter app. 150 mm
Weight:	app. 0.85 kg

### Accessories

Software:	beamlux II
Computer:	PC or laptop with frame grabber
Trigger:	Laser synchronization device LSD or trigger box
Calibration:	Available on request
Mounting fixtures:	Vacuum adaptor flanges
Alignment unit:	Tool for mechanical alignment, HV compatible