

- HV compatible
- Quantum converter coated on CCD
- Sensitivity range of 1 nm to 300 nm,
1 nm to 1100 nm optional
- Many accessories
- Custom designs and digital version
available on request
- Trigger available (see accessories)
- Easy alignment with micrometers



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

EUV - Pinhole camera ML3215

Optical specifications

Camera:	Pinhole camera
Spatial resolution:	25 to 80 μm (at 200 mm focal distance)
Pinhole diameter:	app. 30 μm
Magnification:	1:0.5 to 1:2 zoom
Focal length:	100 - 400 mm
Object size:	350 x 480 μm^2 up to 1.0 x 1.3 mm^2
Sensor size:	6.5 mm x 8.6 mm
Depth of field:	20 mm to infinity
Depth of focus:	20 mm to infinity (no focussing needed)
Angular resolution:	0.006 ° = 21 mrad
Sensitivity:	~ 4.5 nW/cm ² at pinhole
Quantum converter:	Type K2
Resolution:	300 x 400 pixels
Dynamic range:	> 100:1
Spectral range:	6 nm to 19 nm (with 200 nm zirconium filter)

Electrical specifications

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

Mechanical specifications

Mounting flange:	DN100-ISO-KF
Vacuum connector:	DN63-ISO-KF
Vacuum specification:	HV, all stainless steel construction
Dimensions: length:	480 mm, cross section: 120 x 165 mm^2
Weight:	3.6 kg

Accessories

Software:	beamlux II
Computers:	PC or laptop with frame grabber
Trigger units:	Laser synchronization device LSD or trigger box
Mounting fixtures:	HV-Adapter flanges


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