

CWS Technical Specification

Laser diode	640 nm @ 0,1 – 10,0 mW
Power requirement	10 W
SW platform	MS Windows
Electrical	110 – 240 VAC
Instrument rms resolution	Sq 10 – 350 nm
Depth of field	1 mm
Required positioning acc.	< 1 mm (+/- 0,5 mm)
Measurement area	≥ 4x4 mm
Measuring time	1 ms
Analysis time	≤ 0.2 sec
x, y resolution	2048x2048 pixels
x, y sensitivity	2 μm
Working distance	75 mm
Temperature range	-10 – +50°C
Weight sensor	< 2 kg
Dimensions sensor	300x100x50 mm
Control	Active X
Data output	Active X or to SQL database
Communication	-PC / back-end -Sensor / back-end
	GigE Ethernet, USB, max 1000 m Robot tube: 24 VDC, GigE E., optical fiber, max 100 m

