



OPTICAL METROLOGY

TECHNICAL EQUIPMENT

We have several systems for optical metrology. Our multisensor coordinate measuring machine combines tactile and optical metrology in one instrument and has white-light sensors for the assessment of surfaces and topography measurement without contact. For holistic component digitization of medium-sized and large assemblies, we use our highly accurate 3D scanners from Zeiss.



ATOS Q (8M)

MEASURING VOLUME	MEASURING VOLUME (LxWxH) mm	MEASURING POINT DISTANCE (mm)
MV 100	100 x 70 x 60	0,035
MV 170	170 x 130 x 130	0,054
MV 270	270 x 200 x 200	0,078
MV 350	350 x 260 x 260	0,112
MV 500	500 x 370 x 320	0,152



ATOS 5 (12M LED)

MEASURING VOLUME	MEASURING VOLUME (LxWxH) mm	MEASURING POINT DISTANCE (mm)
MV 320	320 x 240 x 240	0,068
MV 700	700 x 530 x 520	0,169
MV 1000	1000 x 750 x 750	0,236



ZEISS O-INSPECT 8/6/3

- > Camera: Zeiss Discovery.V12
- > Software: Zeiss Calypso

MEASURING VOLUME (LxWxH) mm	FIELD OF SIGHT (mm²)	LENGTH MEASURE- MENT TOLERANCE (µm)
800 x 600 x 300	min: 16,1 x 12,0 max: 1,3 x 1,0	1D: 1,5µm+L/250 2D: 1,8µm+L/250 3D: 2,2µm+L/250

WHAT CAN WE MEASURE AND ANALYZE FOR YOU?

We would be pleased to advise you about the numerous possibilities and combined analytical methods. The goal: the best, most cost-effective and most efficient analysis of your component. Give us a call—we look forward to hearing from you! +49 (0) 7022 2796-680