

Measuring equipment list

ZEISS DURAMAX 3D-MEASURING MACHINE

Measuring range:	500x500x500 mm
Tolerance measuring capacity:	Ø 50 mm ±7.0 µm
Length:	50 mm ±9.0 µm
Software:	Calypso 5.8

SURFCOM 2000SD3 CONTOUR/ROUGHNESS MEASURING DEVICE

SURFACE

Resolution:	0.1 nanometre with 6.4 µm range 20 nanometre with 1.000 µm range
Straightness deviation:	0.15 µm with 100 mm measuring path
Feed path/resolution:	0.016 µm

CONTOUR

Measuring range:	100 mm
Resolution:	0.025 µm on 50 mm range
Measurement error X:	± (1 + L/100) µm
Software:	ACCTee PRO

HOMMEL-OPTIC CONTOUR 305 OPTICAL MEASURING MACHINE FOR SHAFTS

Measuring range:	Ø 0.2 -50 mm Length 300 mm
Measuring accuracy:	(2+ D[mm]/100) µm (5+ L[mm]/100) µm
Software:	Turbo Optic 4.53.8.

TESA MICRO-HITE PLUS M600 HEIGHT SENSOR

Measuring range:	0 – 600 mm
Error limit:	(2 + 1.5 x L) µm

MITUTOYO SJ-310 SURFACE MEASURING DEVICE

Measuring range:	360 µm (-200 µm ~ +160 µm)
Resolution:	360 µm / 0,02 µm 100 µm / 0,006 µm 25 µm / 0,002 µm
Measuring profiles:	Roughness, P-profiles and others
Parameters:	Rz, Ra, Rt, Rmax, Pt and others

MITUTOYO PJ-300 PROFILE PROJECTOR

Measuring range:	X-axis 110 mm Y-axis 50 mm
Resolution:	0.001 mm
