

Non-contact/three-dimensional surface roughness and contour measuring instrument



Opt - scope

Non-contact and quick measurement for surface texture of machined components and contour profile. Measuring instrument of the profile, and non-contacted/three-dimensional surface roughness which is corresponding to the surface property analysis of tribology.



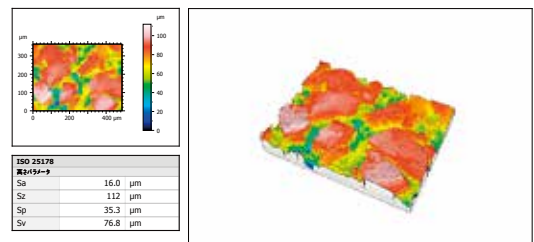
High Efficiency

Measuring 3 dimensional surface profile in a short time. Achieved more than 100 times time savings compared with stylus instrument.

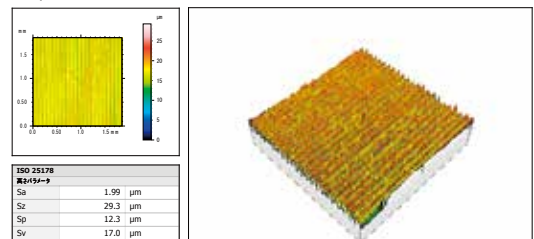
Stability

From fine surface roughness to machined surface. Obtained stable shaped data by our original peak detection algorithm of white interference fringe (DEAP)

Measuring example of grind stone



Measuring example of machined surface

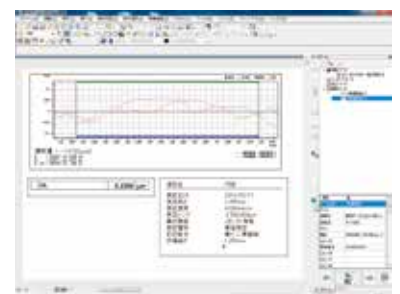


Specifications

	Opt-scope
scanning field (Z)	20 mm
resolution (Z)	0.1 nm
indication precision (Z)	0.8 ± 2 H/100 μm
measuring range (X,Y)	approx. 2 x 2 mm
CCD pixel	2048 x 2048
CCD resolution (X,Y)	1.10 μm
measuring maximum height	200 mm

Operability

Many analysis results and Incredible operability by reputable ACCTee and Surfcom Map.



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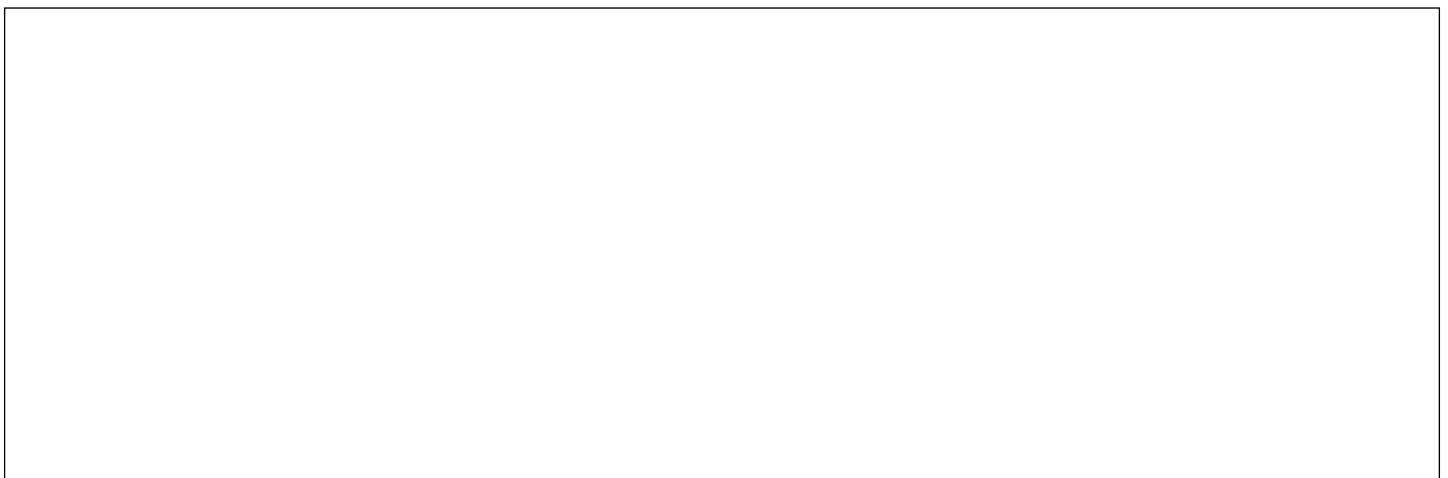
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