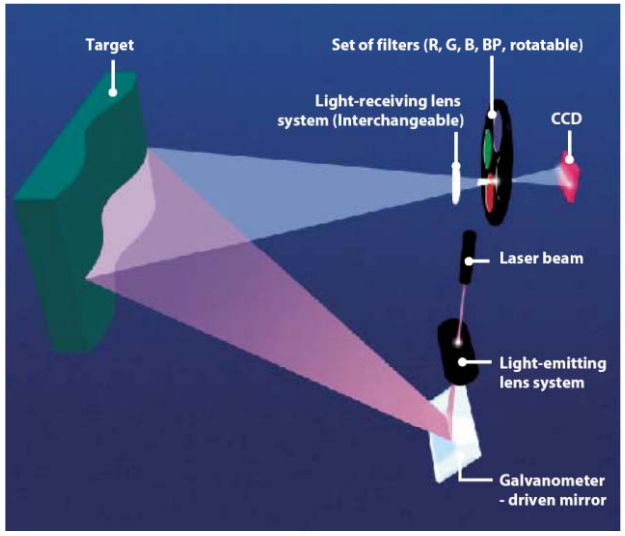
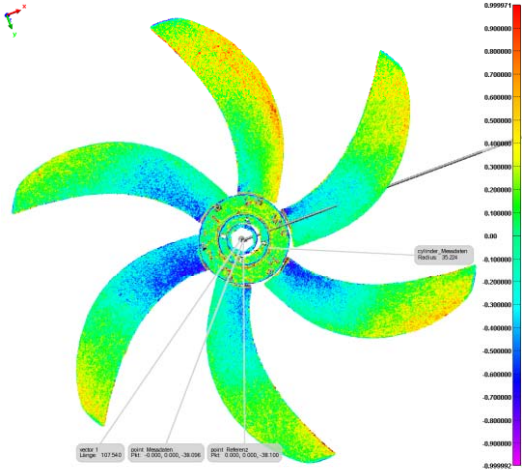
3D Laser Scanner MINOLTA VI9i

Measurement Distance	0.6 m–1.0 m (standard mode) 0.5 m–2.5 m (extended mode)
Measurement Area (X, Y, Z)	93mm x 69mm x 26mm to 1495mm x 1121mm x 1750 mm
Laser class	Class 2 (IEC 60825-1) , Class I (FDA)
Scan Time	2.5 seconds
Accuracy (Under our standard conditions)	TELE XYZ : ±0.05 mm / ±0.10 mm MIDDLE XYZ : ±0.10 mm / ±0.20 mm WIDE XYZ : ±0.20 mm / ±0.40 mm (Distance: 0.6 m/1.0 m) (with user calibration system)

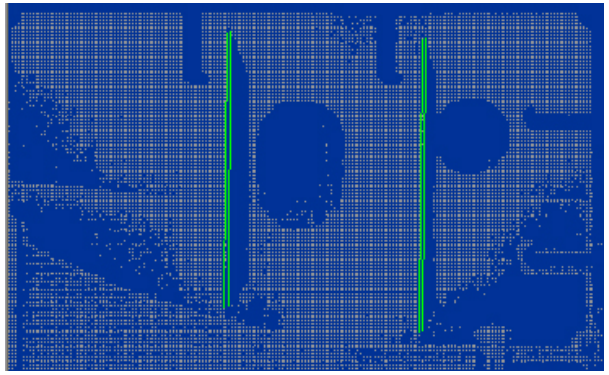


Measurement principle (triangulation)



Measurement and actual/ desired value comparison of complex structures

Robot welding portal



3-D Scan with recognized weld seams (green)

Automatic programming of welding robots on the basis of 3-D scans

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