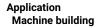
Product information

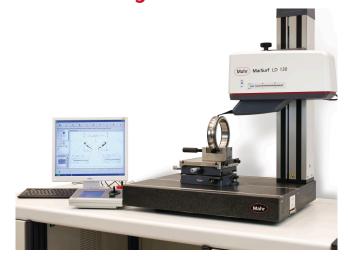
Combined contour and surface measuring station MarSurf LD 130

Product features MarSurf LD 130 / LD 260. A step into a new dimension

Combined contour and roughness measurements in just one step comes courtesy of proven cutting-edge technology from Mahr metrology. The MarSurf LD 130 and MarSurf LD 260 measuring stations have been systematically developed to draw on the experience from the first generation of equipment.



- Roller bearings, threads, threaded rods, ball screws, shafts, racks, ball heads, valves
- Measurement close to the production area
- Contour and surface roughness measurement in semi-automatic and fully automatic operation
- · Automotive industry
- Engine parts including cylinder block, cylinder head, crankshaft, camshaft, valves, steering, gearbox, injection systems, turbocharger
- · Medicine
- Contour and surface roughness measurement for hip and knee endoprostheses
- Contour measurement for medical screws
- Contour and surface roughness measurement for dental implants
- · Optics
- Contour and surface roughness measurement of aspherical lenses



Item no.: 6720821

Technical data

Resolution	0.8 nm
Start of traversing length (in X)	0.1
Measuring speed	0.02 mm/s to 10 mm/s
End of traversing length (in X)	130.0
Positioning speed	0.02 mm/s to 200 mm/s
Traversing lengths	0.1 mm to 130 mm
Guide deviation	0.10 μm / 60 mm 0.20 μm / 130 mm
Measuring force (N)	0.5 mN to 30 mN, software adjustable
Probe	Combined roughness and contour probe system
Probe arm length	100 mm; 150 mm; 200 mm
Weight (gross)	23 KG
Measuring range mm	13 mm (100 mm probe arm) 26 mm (200 mm probe arm)