

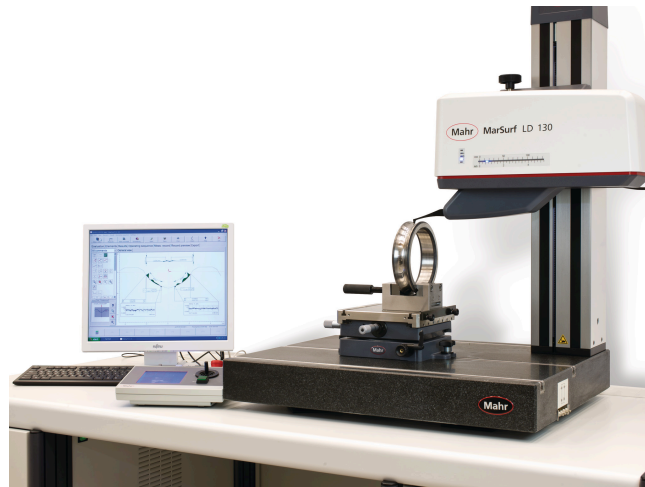
Product information

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.



Application

Machine building

- 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)