

Product information

Contour measuring station MarSurf CD 140 AG

Product features

MarSurf CD 140 AG 11 - all-rounder with intelligent touch probe system

Mahr has launched a new contour measuring machine on the market – the MarSurf CD 140 AG 11. Its probe system has a measuring range of up to 70 mm and the stylus tips can be replaced quickly and without any tools – without having to recalibrate the system.

The MarSurf CD 140 AG 11 enables the user to complete fast and precise measurements. Its flexible workpiece holder makes it particularly easy to handle, while users are also convinced by its extreme versatility.

Application

Mechanical engineering

Bearings, threads, threaded rods, ball screws, shafts, racks

Measurement close to production

Contour measurement in a semi-automatic process

Automotive industry

Steering, brake system, transmission, crankshaft, camshaft, cylinder head

Medicine

Contour measurement for hip and knee endoprostheses, contour measurement for medical screws, contour measurement for dental implants



Item no.: **6269202**

Technical data

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|----------------------------|--|
| Resolution | 19 nm |
| Measuring speed | 0.1 mm/s to 10 mm/s |
| Positioning speed | X: 0.1 mm/s to 200 mm/s |
| Measuring force (N) | 4 mN to 30 mN, adjustable using software |
| Probe | Contour probe system |
| Weight (gross) | 150 KG |
| Dimensions in mm | 572 x 905 x 822 mm |
| Measuring range mm | 70 mm with probe arm length 350 mm |

Dimensions

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|-------------------------|--------------------|
| Dimensions in mm | 572 x 905 x 822 mm |
|-------------------------|--------------------|

Accessories

| Order no. | Designation | Product type |
|-----------|---------------|--------------|
| 6710604 | Parallel vice | PPS |
| 6710401 | V-block | PP |