## **Product information**

### Contour measuring station MarSurf CD 140 AG

# Product features MarSurf CD 140 AG 11 - allrounder 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.



ball screws, shafts, racks

## Measurement close to production

Contour measurement in a semiautomatic 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.: 6269200

#### **Technical data**

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)	121 KG		
Dimensions in mm	572 x 905 x 822 mm		
Measuring range mm	70 mm with probe arm length 350 mm		

#### **Dimensions**

Dimensions in mm	572 x 905 x
	822 mm

#### **Accessories**

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