

# Product information

## Contour measuring station MarSurf CD 140 AF

### Product features

#### **MarSurf CD 140 AF - Space-optimized measuring station for production**

With the new MarSurf CD 140 AF, Mahr has launched a new contour measuring device onto the market. Its probe system has a measuring range of up to 70 mm, with which the probe tips can be changed quickly and without tools – and all without recalibration.

MarSurf CD 140 AF makes fast and precise measurements possible. Thanks to its flexible workpiece holder, it is particularly easy to handle and impresses with its great versatility.

Item no.: **6269051**



### Technical data

<b>Resolution</b>	20 nm
<b>Measuring force (N)</b>	4 mN to 30 mN, software adjustable
<b>Measuring speed</b>	0.1 mm/s to 10 mm/s
<b>Positioning speed X-axis min.</b>	0.1 mm/s
<b>positioning speed X-axis max.</b>	200 mm/s
<b>Positioning speed X axis</b>	0.1 - 200 mm/s
<b>Probe</b>	Contour tracing system
<b>Weight (gross)</b>	35 KG
<b>Workpiece weight max.</b>	1.5 kg
<b>Other functions</b>	machine weight: 35 kg
<b>Measuring range mm</b>	70 mm with probe arm length 350 mm

### Accessories

Order no.	Designation	Product type
6710401	V-block	PP