

# Product information

## Combined contour and surface measuring station MarSurf UD 130

### Product features

#### MarSurf UD 130

The MarSurf UD 130 closes the gap between the high-end solution MarSurf LD 130 / LD 260 and the new standard combination measuring station MarSurf VD 140 / 280 with two drive units. The technical specification of the MarSurf UD 130 is based on the high-quality interferometric probe system and the fast measuring and positioning speeds that have reduced the measuring times for each workpiece.



Item no.: **6720823**

### Technical data

<b>Resolution</b>	2 nm
<b>Start of traversing length (in X)</b>	0.1 mm
<b>End of traversing length (in X)</b>	130.0 mm
<b>Traversing length (Lt)</b>	0.1 - 130 mm
<b>Guide deviation</b>	0.12 $\mu\text{m}$ / 60 mm 0.40 $\mu\text{m}$ / 130 mm
<b>Measuring force (N)</b>	1 mN to 30 mN, software-adjustable
<b>Measuring speed</b>	0.1 mm/s to 5 mm/s
<b>Positioning speed X-axis min.</b>	0.1 mm/s
<b>positioning speed X-axis max.</b>	30 mm/s
<b>Positioning speed X axis</b>	0.1 - 30 mm/s
<b>Probe</b>	Combined roughness and contour probe system
<b>Probe arm length</b>	100 mm; 150 mm; 200 mm
<b>Weight (gross)</b>	23 KG
<b>Measuring range mm</b>	10 mm (100 mm probe arm) 20 mm (200 mm probe arm)