

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

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