

产品信息

高精度、全自动基准形状测量仪 MarForm MFU 200 Aspheric 3D

产品特性

- # Optimized for use in the measuring room and the achievement of reference quality
- # High reproducibility of the measurement results through dynamic real-time compensation, which detects and corrects even the smallest deviations in the measurement sequence
- # Productivity thanks to high temperature stability over a long period of time # no daily calibration necessary
- # Extreme precision due to high-precision rotary axis with Mahr precision guides; roundness deviation of < 20 nm
- # Intuitive to use and proven MarWin measurement and evaluation software



物品号: 5440580

技术数据

Pos./Meas. path X-axis	200 mm
Pos./Meas. path Z-axis	320 mm
Positioning speed C-axis	0.1 - 200 1/min
定位速度 (mm/s), X 轴	0.1 - 100 mm/s
Positioning speed Z-axis	0.1 - 100 mm/s
Workpiece diameter max.	280 mm
角分辨率 (标尺)	0.0001°
轴向跳动偏差 (#m+#m/mm 测量半径) *	0.02 + 0.0002
Straightness deviation X-axis	0.075 μm/measuring path (according to DIN EN ISO 1101)
Straightness deviation Z-axis	0.1 μm/measuring path (according to DIN EN ISO 1101)
Positioning uncertainty X-axis	2 μm (according to VDI/DGQ 3441) / 0.5 μm (with probe backlash)
Positioning uncertainty Z-axis	2 μm (according to VDI/DGQ 3441) / 1 μm (with probe backlash)
工作温度	20 ° C
调心调平工作台	机动化
工作台直径 (mm)	180 mm
Table load max.	20 kg
测头系统类型	Tactile 1D
Special equipment	CNC-Tisch und dynamische Echtzeitkompensation
存储和运输温度	-10 ° C 到 50 ° C
Sound pressure level	< 70 dB(A)
湿度 (文本)	max. 70 % relative humidity; non-condensing
Mains voltage	230 V
Mains frequency	50 Hz
Weight basic unit	850 kg
随附	T7W probe system (incl. probe arm # 3 x 60 mm)