Product information

Form measuring device with extended possibilities MarForm MMQ 200

Product features

- Precise detection of form and position deviations
- Fully automatic measuring sequences
- High-precision C-roundness measuring axis
- Motorized, vertical Z-measuring axis
- Motorized, horizontal X-positioning axis
- Manual centering and tilting table
- Ergonomic control panel, e.g. for starting selected measuring programs
- Intuitive and proven measuring and evaluation software MarWin

Item no.: **5440750**

Technical data

Pos.-/Meas. path X-axis	150 mm
Pos.-/Meas. path Z-axis	250 mm
Positioning speed C-axis	0.2 - 20 1/min
Positioning speed X axis	0.5 - 30 mm/s
Positioning speed Z-axis	0.5 - 100 mm/s
Workpiece diameter max.	210 mm
Linear resolution X-axis (interpolated)	10 nm
Linear resolution Z-axis (interpolated)	~0.0625 µm
Straightness deviation Z-axis	0.15 µm/100 mm
Reference temperature	20 °C
Centering and tilting table	manual
Table diameter	160 mm
Table load max.	20 kg
Probe system	Tactile 1D
Storage and transport temperature	-10 °C to 40 °C
Sound pressure level	< 70 dB(A)
Permissible humidity	max. 70 % relative humidity; non-condensing
Mains voltage	90 - 240 V
Mains frequency	50 / 60 Hz
Scope of delivery	Probe system T20W (incl. probe arm 3 x 60 mm)