

Product information

Compact form measuring machine MarForm MMQ 200

Product features

- Compact form measuring machine for manufacturing workshops and inspection rooms. Compact form measuring machine for manufacturing workshops and inspection rooms.
- Proof of form and position deviations as per DIN/ISO 1101
 - Fully automatic measuring sequences
 - Precision roundness measuring axis (C)
 - Motorized vertical measuring axis (Z)
 - Motorized horizontal positioning axis (X)
 - Manual centering and tilting table
 - T20W manual length measuring probe or
 - T7W motorized probe
 - Ergonomic control panel, can also be used to start select measuring programs (P1, P2, P3)



Item no.: 5440750

Technical data

Roundness deviation ($\mu\text{m}+\mu\text{m}/\text{mm}$ measuring height) *	0,015 + 0,0003
Measuring path, motorized Z (mm)	250
Straightness deviation / 100 mm measuring path (μm)**, Z axis	0.15
Straightness deviation / total measuring path (μm)**, Z axis	0.3
Parallelism deviation Z-/C axis in tracing direction, measuring path (μm)	0.5
Measuring speed (mm/s), Z axis	0.5-30
Positioning speed (mm/s), Z axis	0,5-100
Roundness deviation ($\mu\text{m}+\mu\text{m}/\text{mm}$ measuring height) **	0,03 + 0,0006
Positioning speed (mm/s), X axis	0,5-30
Axial runout deviation ($\mu\text{m}+\mu\text{m}/\text{mm}$ measuring radius) *	0,02 + 0,0001
Axial runout deviation ($\mu\text{m}+\mu\text{m}/\text{mm}$ measuring radius) **	0,04 + 0,0006
Centering and tilting table	manual
Table diameter (mm)	160
Table load capacity, centered (N)	200
Speed (rpm) 50 Hz / 60 Hz	0.2-15