

# 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

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