Product information

Universal form measuring machine MarForm MMQ 400

Product features
MarForm MMQ 400 is suitable for universal use for extensive workpiece evaluation according to DIN ISO 1101.

Application

Specific measuring tasks
Form & position, roughness, contour, waviness, and line form in the following industries

Mechanical engineering
Bearings, ball screws, shafts, sockets, rotational bushings

Measurement close to production
PLC and end-of-line testing

Automotive industry
Steering, brake system, gearbox, motor

Medicine
Hip and knee endoprostheses, medical screws, teeth implants

Item no.: **5440782**

Technical data

Roundness deviation (µm+µm/mm measuring height) *	0,01 + 0,00025
Measuring path, motorized Z (mm)	900
Straightness deviation / 100 mm measuring path (µm), Z axis**	0.15
Straightness deviation / total measuring path (µm), Z axis**	0.9
Parallelism deviation Z-/C axis in tracing direction, measuring path (µm)	2
Measuring speed (mm/s), Z axis	0,1-30
Positioning speed (mm/s), Z axis	0,5 -100
Measuring path, motorized X (mm)	280
Roundness deviation (µm+µm/mm measuring height) **	0,02 + 0,0005
Straightness deviation /av. 100 mm measuring path (µm), X axis**	0.5
Straightness deviation / total measuring path (µm), X axis**	1.5
Perpendicularity X/C axis, measuring path (µm)	2
Positioning speed (mm/s), X axis	0,5-30
Measuring speed (mm/s), X axis	0,5-10
Axial runout deviation (µm+µm/mm measuring radius) *	0,02 + 0,0001
Axial runout deviation (µm+µm/mm measuring radius) **	0,04 + 0,0002
Centering and tilting table	automatic
Table diameter (mm)	285
Table load capacity, centered (N)	400
Speed (rpm) 50 Hz / 60 Hz	0.2-15