Mahr

PRECIMAR ICM 100 IP dial indicator test device, Type: ICM100IP

Order data

Order number	404295 ICM100IP
GTIN	2050002080324
Item class	40W

Description

Version:
Dial indicator test device for quick testing of dial indicators and simple operation of testing of dial indicators or precision dial comparators. A powerful camera takes over the stressful error-prone reading of the displayed values. The associated software controls the test device for you and checks that the data readings match the specified reference values.

Advantage:

· **Comfortable and intuitive one-handed operation, no tools required.**
· **Very high measuring accuracy thanks to compliance with Ernst Abbe's comparator principle.**
· **Testing to international standard and guidelines such as DIN, VDI, GOST, BS, NF, ASME and JIS.**
· **High-quality USB 3.0 industrial camera with high image quality and large dynamic range.**
· **High-resolution lens with low distortion – for error-free determination of the measured values.**
· **Sturdy LED lighting suitable for an industrial environment, unaffected by daylight.**
· **Digital characters can be read directly – no cable connection to the measuring tool.**
· **A wide palette of measuring tools can be tested, including dial indicators with diameters up to 100 mm.**
· **Inductive probes from various manufacturers can be tested (only in manual mode).**
· **Nominal sizes and tolerances of pre-programmed inspection tools are directly available.**
· **Direct application range up to 100 mm – no need for resetting during measurement**

Technical description

Uncertainty of measurement (of end value)	$(0.2 + l/250)$ µm
Power supply	Mains operated
Colour camera	yes
Measuring range	100 mm
Measurement technology	Incremental
Scale divisions	2 µm
Positioning speed	4 mm/s
Positioning	automatic
Camera	USB 3.0 CMOS camera
Type of product	Setting master