

Water-resistant / shock-proof
Inch/mm INC/ABS
High contrast Display
Wireless interface optional

Internal Micrometer
DIGITAL



MICROTEST®

We are offering you a solution for efficient, economic and precise measurement of internal diameters which will improve your quality standards.

Microtest AG is for more than 50 years specializing in precise measurement of internal diameters. Through permanent optimizing, constant development and improvement, our measuring instruments have reached a very high standard of precision, reliability and universality for the high demands of our clients.



Our products are in use worldwide and guarantee highest precision over a long period of time. Our robust Instruments are suitable even for the rough environment of the production plants as well as for the quality controlling. Microtest® supports many sectors of the industry, like Machine, Tool, Pump, Compressor, Train, Vehicle, Gear, Motor, Engine and Turbine production as well as in Oil-Field-, Power plant-, Earth-Move-, Mining-, Aviation- and Space-Technology.

Accuracy:	Linear accuracy	Repetition accuracy
(MICROTEST-norm = better than DIN 863)	Ø 5–140 mm ± 2 µm	± 1,5 µm
	Ø 140–400 mm ± 3 µm	± 1,5 µm
	Ø 400–650 mm ± 5 µm	± 2,5 µm
	Ø 650–900 mm ± 6 µm	± 3,5 µm
	Ø 900–1150 mm ± 8 µm	± 4,5 µm

Declaration certificat of conformity and confirmation of traceability of the values.

International patented



For further information or order:

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Worldclass

Internal Measurement
for more than 50 years

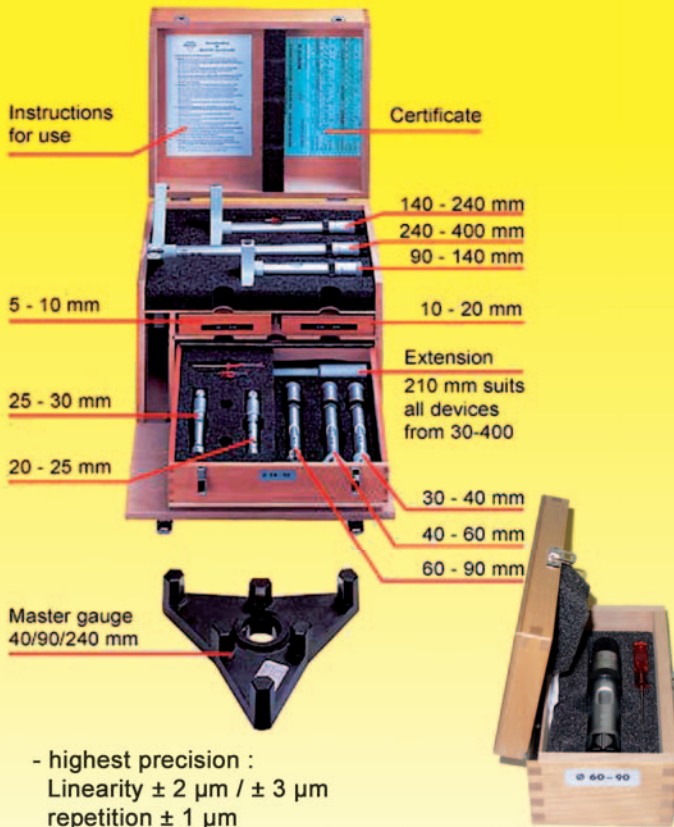


MICROTEST®
Your Partner
for Precision-
Measurement



Now
available

3-point Internal Micrometer



- highest precision :
Linearity $\pm 2 \mu\text{m}$ / $\pm 3 \mu\text{m}$
repetition $\pm 1 \mu\text{m}$
- huge measuring ranges from $\varnothing 30$ to 400 mm
in 6 Instruments only, max. $\varnothing 1150 \text{ mm}$
- scales:
Direkt $1 \mu\text{m}$ read out, paralaxfree.
1 turn = 1 mm !
direct full read out
1 mm, 0.01 (100 div. / turn), 0.001 (nonius)
no readout errors !
- automatic self centring for easy and save handling
- „blind hole“ measuring down to the base
for deep holes or cylinders
- length extension over several meters
without precision reduction !
- thermal-protected and -compensated construction
- automatic linear wear correction
throughout easy adjustment
- cost reduction throughout multiple ranges,
less expenses for calibration and certifying
- high accurate performance, low cost
- Made in Switzerland

Unrivalled: The world's largest from $\varnothing 400 \text{ mm}$ to $\varnothing 1150 \text{ mm}$



Our Microtest® system is the only one that can measure bore holes from $\varnothing 400 \text{ mm}$ to $\varnothing 1150 \text{ mm}$ precise and accurate. Based on our normal construction we produced an instrument with an unrivalled accuracy. These instruments are very light build and come with an extra hard ratchet to achieve perfect self centring in a big bore hole.

Measuring ranges are:
 $\varnothing 400\text{--}650$, $\varnothing 650\text{--}900$, $\varnothing 900\text{--}1150 \text{ mm}$

Ring Gauges (in accordance with DIN 2250):

Further in our range of products we offer high-precision, lapped calibration rings for highest requirements. On request different sizes are available.



Elbow and extension:

For micrometer till $\varnothing 400 \text{ mm}$, available extensions are 50, 100, 200, 350, 500, 750, 1000 and 1500 mm.



The New: Microtest-Tripod

The Microtest-Tripod supports the internal micrometer with extension to achieve an optimal pre-centring in the bore hole. From 2 meter extensions onward it is recommended to use our new Microtest-Tripod after 2/3 of length, similar to Bessel's rule.

Available Tripod sizes:
 $\varnothing 60\text{--}90$, $\varnothing 90\text{--}140$, $\varnothing 140\text{--}240$ and $\varnothing 240\text{--}400 \text{ mm}$

Custom-made special micrometer:



Recess measurements



Ball caliber

Service und maintenance

Our precision measuring instruments require no servicing.

Overhauling:
Overhaul is only due after between 7 and 15 years. When your instrument is returned it measures as accurately as a new one.

Calibration:
All the measuring instruments and gauges that we supply are uniquely identifiable through an unique device number, and are examined, calibrated and certified.