

REF. MIKROTEST 7 DIGITAL BANANA GAUGE



The new Mikrotest 7 combines the proven measuring principle of magnetic attraction with digital technology. It offers both high resolution measurement and ease of use.

The measurement principle is still based on the attraction force of a permanent magnet on steel as defined in all International Standards.

The traditional type banana gauge offered a display of the measurement in analog format which always required a certain amount of interpretation from the user, as this instrument has a digital indication this interpretation is no longer required turning the gauge into a very powerful measurement tool.

When measuring thin coatings, the readings are displayed in steps of 1 or 0.5 microns, the instrument also benefits high accuracy for the measurement of high thickness values.

There is no calibration necessary as all gauges are factory preset in order to obtain the highest possible precision of measuring values throughout the whole measuring range.

FEATURES

- Proven measuring principle
- No calibration required
- High resolution of measurement values
- International patents
- Measuring range up to 15mm

SPECIFICATIONS

	Mikrotest 7 G	Mikrotest 7F	Mikrotest 7S5	Mikrotest S15
Measuring range (Metric):	0 – 300 um	0 – 15 mm	0.5 – 5.0 mm	3.0 – 15.0 mm
Measuring range (mils):	0 – 12 mils	0 – 60 mils	19.6 – 200 mils	118 – 600 mils
Tolerance:	2 um ± 3%	5 um ± 3%	± 4%	± 4%
Resolution:	0.5 um/0.02 mils	1 um/0.05 mils	5 um/0.2 mils	20 um/1 mil
Minimum measurement area:	20 mm	30 mm	50 mm	100 mm
Minimum curvature radius:	5 mm/25 mm	8 mm/25 mm	15 mm/25 mm	100 mm/150 mm
Minimum substrate thickness:	0.5 mm	0.5 mm	1 mm	7 mm
Power supply:	6V 4LR44			
Ambient temperature:	-10°C - 50°C			
Dimensions:	210 mm x 58 mm x 32 mm			
Weight (gauge):	200g			

Owing to continuous development. we reserve the right to introduce improvements and modify specifications without prior notice.

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