

Mikro-Test 7 digital



Application

Non-destructive measurement of:

- non-magnetic coatings, e.g. phosphate, paint, plastic on steel

Performance Features

- Non-wearing permanent magnet
- High resolution of measuring values owing to digitalization
- Fast measurement (readings after only 2 - 3 seconds)
- Measuring without power supply
- No calibration required
- Measurement at any angle
- High accuracy
- Measurement of coatings up to 15 mm/606 mils

#140-MikroTest 7 G

Coatings up to 300 µm/12 mils

#140-MikroTest 7 F

Coatings up to 1.5 mm/60 mils

#140-MikroTest 7 S5

Coatings from 0.5 to 5 mm/19.6 to 200 mils

#140-MikroTest 7 S15

Coatings from 3 to 15 mm/118 to 600 mils

Accessories

- Belt case
- Coating thickness standards to check the gauges

TECHNICAL DETAILS

	MikroTest 7 G	MikroTest 7 F	MikroTest 7 S5	MikroTest 7 S15
Measuring range (metric):	0 – 300 µm	0 – 1,5 mm	0,5 – 5,0 mm	3,0 – 15,0 mm
Measuring range (mils):	0 – 12 mils	0 – 60 mils	20 - 200 mils	120 - 600 mils
Tolerance*:	±2 µm or ± 3 %**	± 5 µm or ± 3 %**	± 4%**	± 4%**
Resolution starting from:	0.5 µm/ 0.02 mils	1 µm/ 0.05 mils	5 µm/ 0.2 mils	20 µm/ 1 mil
Minimum area for measurement:	20 mm/ 0.8 inch	30 mm/ 1.2 inch	50 mm/ 2.0 inch	100 mm/ 4.0 inch
Minimum radius of curvature (convex/concave) metric:	5 mm/ 25 mm	8 mm/ 25 mm	15 mm/ 25 mm	100 mm/ 150 mm
Minimum radius of curvature (convex/concave) mils:	0.2 inch/ 1.0 inch	0.35 inch/ 1.0 inch	0.6 inch/ 1.0 inch	4.0 inch/ 6.0 inch
Minimum substrate thickness:	0.5 mm/ 20 mils	0.5 mm/ 20 mils	1 mm/ 40 mils	7 mm/ 280 mils
Power supply:	6 V 4-LR44			
Ambient temperature:	-10 °...50 °C, 14 °F ...122 °F			
Dimensions:	210 mm x 58 mm x 32 mm/8.3 inch x 2.3 inch x 1.3 inch			
Weight (gauge):	200 g (7 oz.)			
*max. value applies				
**of reading				

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