



MT155 Coating Thickness Tester

The MT155 is a compact and handy gauge, designed for non-destructive, fast and precise coating thickness measurements. It is adaptable and can be used on special geometries or on materials with special properties. The coating thickness gauge works either on the magnetic induction principle or on the eddy current principle, depending on the type of probe used, the MT155 has 31 working modes. The MT155 display the measured values and user information on the LCD, the backlight ensures easy reading of screen data in dark conditions. The probe systems are spring-mounted in the probe sleeve this ensures safe and stable positioning of the probe and constant pressure. The hemispherical tip of the probe is made of hard and durable material.

Features

- Dual technology
- Automatic selection of magnetic induction or Eddy Current measurement techniques
- Memory 320 readings
- Non magnetic coatings (paint, zinc) on steel
- Insulating coatings (paint) on non-ferrous metals
- No-ferrous metal coatings on insulating substrates
- Continue & Single mode
- Working modes: Direct & Group
- Static display: Min / Max / Average / No / S.Dev
- High / Low alarm
- USB Interface



Function	Range	Range
Sensor Probe	Fe	Non-Fe
Working principle	Magnetic Induction	Eddy current principle
Measuring range	0 ~ 1350µm, 0~53.1mils	0 ~ 1350µm, 0~53.1mils
Guaranteed tolerance (of reading)	0-1000µm ±(2.5%+2µm) 1000~1350µm ±(3.5%) 0~39.3mils, ±(2%+0.08mils) 0~39.53.1mils, (±3.5)	0-1000µm ±(2.5%+2µm) 1000~1350µm ±(3.5%) 0~39.3mils, ±(2%+0.08mils) 0~39.53.1mils, (±3.5)
Precision	0~100um (0.1urn) 100~1000um (0.1urn) 1000~1350um (0.01mm) 0~10mils (0.01mils) 10~53mils .1mils (0.1mils)	0~100um (0.1urn) 100~1000um (0.1urn) 1000~1350um (0.01mm) 0~10mils (0.01mils) 10~53mils .1mils (0.1mils)
Minimum Curvature Radius	1.5mm	3.0mm
Diameter of Minimum Area	7.0mm	5.0mm
Minimum Measurable Thickness	0.5mm	0.3mm
Size	113.5 x 54 x 27mm	
Weight	110g	



Coating Thickness Standards



Probe



USB Port

MT155 | Coating Thickness Tester

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