



Coating Thickness Tester

Product Code : MCT-822

Easy usages make this item outstanding and users can measure the coating thickness of ferrous and Non-Ferrous easily. Most important feature is ability to connect the Computer.

Features:

- ✓ Measured Coatings: Non-magnetic coatings (e.g. paint, zinc) on steel;
- ✓ Insulating coatings (e.g. paint, anodizing coatings) on no-ferrous metals
- ✓ Operating with MENU easily
- ✓ Two measuring mode: CONTINUE and SINGLE mode
- ✓ Two working mode: DIRECT and GROUP mode (4 groups)
- ✓ Statistic Display: AVG, MAX, MIN, NO., S.DEV
- ✓ One point calibrating and two points calibrating independently for each working mode
- ✓ Zero calibrating easily
- ✓ Memory for 320 readings(80 for each group)
- ✓ Delete single readings and all group readings easily
- ✓ High alarm and low alarm for all working mode
- ✓ Low battery, error indication
- ✓ USB interface for PC analysis software
- ✓ Disable Auto-Power-off function via MENU setting

Specifications:

Sensor probe	Ferrous	Non- Ferrous
Working principle	Magnetic induction	Eddy current principle
Measuring range	0~1250µm 0~49.21mils	0~1250µm 0~49.21mils
Guaranteed tolerance (of reading)	0~850µm (±3%+1µm) 850µm~1250µm (±5%)	0~850µm (±3%+1µm) 850µm~1250µm (±5%)
	0~33.46mils (±3% + 0.039mils) 33.46mils~49.21mils (±5%)	0~33.46mils (±3% + 0.039mils) 33.46mils~49.21mils (±5%)
Precision	0~5µm (0.1µm) 50µm~850µm (1µm) 850µm~1250µm (0.01mm)	0~5µm (0.1µm) 50µm~850µm (1µm) 850µm~1250µm (0.01mm)
	0~1.968mils (0.001mils) 1.968mils~33.46mils (0.01mils) 33.46mils~49.21mils (0.1mils)	0~1.968mils (0.001mils) 1.968mils~33.46mils (0.01mils) 33.46mils~49.21mils (0.1mils)
Minimum curvature radius	1.5mm	3mm
Diameter of Minimum area	7mm	5mm
Basic critical thickness	0.5mm	0.3mm
Working temperature	0°C~40°C (32°F ~ 104°F)	
Working relative humidity	20%~90%	