

MCT-822

Coating Thickness Tester

Overview:

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 non-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



Pakage includes:

- Calibration Iron
- CD
- USB cable
- Screwdriver
- Two "AAA" batteries
- Calibration Aluminum
- Precision Standard
- Carrying case

Specifications:

Sensor Probe	F	N
Working principle	Magnetic induction	Eddy current principle
Measuring range	0~1250um/0~49.21mils	0~1250um/0~49.21mils
Guaranteed tolerance (of reading)	0~850um(±3%+1um) 850um~1250um(±5%) 0~33.46mils(±3%+0.039mils) 33.46mils~49.21mils(±5%)	0~850um(±3%+1um) 850um~1250um(±5%) 0~33.46mils(±3%+0.039mils) 33.46mils~49.21mils(±5%)
Precision	0~5um(0.1um) 50um~850um(1um/850um~1250um(0.01mm)) 0~1.968mils(0.001mils) 1.968mils~33.46mils(0.01mils) 33.46mils~49.21mils(0.1mils)	0~5um(0.1um) 50um~850um(1um/850um~1250um(0.01mm)) 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%	

