



## Coating thickness gauge TT210A



### Integrated Coating thickness gauge TT210A

Dual Technology Features Automatic Selection of Magnetic Induction or Eddy Current Measurement Techniques

#### Features:

1. Non-magnetic coatings(e.g. paint, zinc) on steel
2. Insulating coatings(e.g. paint)on no-ferrous metals
3. No-ferrous metals coatings on insulating substrates
4. Menu operation system
5. Two measuring mode: CONTINUE and SINGLE mode
6. Two working Mode: DIRECT and GROUP mode
7. Statistic Display: AVG, MAX, MIN, NO., S.DEV
8. One point calibrating, two points calibrating and basic calibrating easily
9. Memory for 400 readings(80 DIRECT and 320 GROUP readings)
10. Delete single readings and all group readings easily
11. High alarm and Low alarm for all working mode
12. Low battery, error indication
13. USB interface for PC software(windows 98/2000/xp/vista)

Sensor probe	F	N
Working principle	magnetic induction	Eddy current principle
Measuring range	0~1250um	0~1250um



## Coating thickness gauge TT210A

Guaranteed tolerance (of reading)	(+/- 3%+1)um	(+/- 3%+1.5)um
Low range Precision	0.1um	0.1um
Minimum curvature radius	1.5mm	3mm
Diameter of Minimum area	3mm	5mm
Basic critical thickness	0.5mm	0.3mm
Size(HxWxD)	113.5mm x 54mm x 27mm	
Weight	110g	

### Standard delivery:

Two "AAA" batteries,  
USB cable,  
CD,  
Calibration Iron,  
Calibration Aluminum,  
Precision Standard,  
gift box with carrying case.

### Application fields:

**Electroplating industry (including the chemical plating, hot immersion plating, brush plating) :** Checking the thickness of electroplating layer.

**Spray-painting and plastic-painting industry:** checking the thickness of the painting layer.

**Aluminum processing industry:** check the thickness of oxidation layer on aluminum profile material anode.

**Pipeline industry:** checking the thickness of rot proof layer of pipe.

**Car manufacture industry:** checking the primer and outer lacquer of the cars.

**Steel construction and color steel plate industry:** checking the thickness of lacquer.