ISO 9001

COATING THICKNESS GAUGE TT210

Features:

- Two measuring methods: magnetic induction (F) and eddy current (N) (Refer to page 55 for details)
- Magnetic induction (F) method is used to measure the thickness of non-magnetic coating on ferrous metal
- Eddy current (N) method is used to measure the thickness of non-conducting coating on non-ferrous materials
- Automatic recognition of substrate
- Automatic selection of measuring methods
- 5 statistical ways: Mean values / Max. values / Min. values / testing numbers (No.) / standard deviations (S.DeV)
- Upper-lower limit setting and sound alarm
- Data output to printer TA230 or PC by RS232
- 500 readings can be stored
- 2 measuring modes: continuous / single
- 2 stop ways: manual / automatic

Technical Specification

Probe types		F	N
Measuring methods		magnetic induction	eddy current
Measuring range		0~1250μm	0~1250μm, 0~40μm (for chromeplate on copper)
Display resolution		0.1μm	
Tolerance	One point calibration	±(3%H+1)	± (3%H+1.5)
		H means the thickness of tested piece	
	Two points calibration	±[(1~3)%H+1]	±[(1~3)%H+1.5]
		H means the thickness of tested piece	
Measuring condition	Min. curvature radius (mm)	Convexity 1.5	Convexity 3
	Min. testing area diameter (mm)	φ7	φ5
	Critical thickness of substrate (mm)	0.5	0.3
Power supply		Battery AAA 1.5V (2pcs)	
Working temperature		0-40℃	
Dimensions		110×50×23mm	
Weight		100g	

Standard Delivery

Main unit	1
Calibration foil set	1
Substrate	1
AAA 1.5V battery	2
Waist pack for main unit	1
Instruction manual	1
TIME certificate	1
Warranty card	1

Optional Accessory

- Printer TA230 (see page 67)
- Connecting cable