

COATING THICKNESS GAUGE TT260

ISO 9001



Features:

- Two measuring methods: magnetic induction (F) and eddy current (N)
- 6 types of probes are available for various applications
- 2 measurement modes: continuous / single
- 5 statistical ways: Mean values / Max. values / Min. values / testing numbers (No.) / standard deviations (S.Dev)
- Memory up to 495 readings
- Direct testing mode and block statistics mode (APPL/BATCH)
- Direct print out of statistical values
- Dataview for connecting with PC is available
- Low battery indication
- 2 switch off modes: manual and automatic

Technical Specification

Measuring range	See table in the next page
Probes available	
Tolerance	
Minimum resolution	
Measuring condition	
Operation language	English
Standards	DIN, ISO, ASTM,BS
Calibration	Zero and foil calibration
Statistics	Number of measurements, mean, standard deviation,maximum and minimum of 3000 readings
Data memory	495 readings
Limits	Adjustable with alarm
Interface	RS-232
Working temperature	0-40
Power supply	Nicd rechargeable batteries 1.25V
Dimensions	270 x 86 x 47mm
Weight	530g

Standard Delivery	
Main unit	1
Probe	1
Charger	1
Calibration foil	1
Substrate	1
Instruction manual	1
TIME certificate	1
Warranty card	1
Optional Accessory	
6 optional probes	
PC software dataview	
Calibration foils in different thickness	
Connecting cable	



Optional probes and technical specification

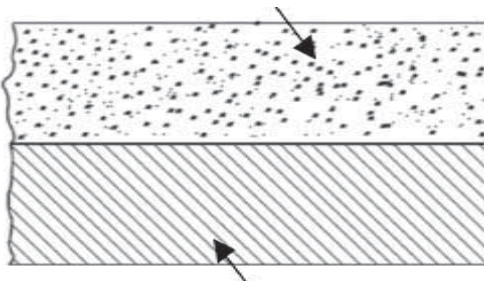
Probe model		F400	F1	F1/90 °	F10	N1	CN02
Operating principle		Magnetic induction				Eddy current	
Measuring range(μm)		0-400	0-1250		0-10000	0 to 1250 μm 0 to 40 μm (for chromeplate on copper)	10~200
Low range resolution(μm)		0.1			10	0.1	1
Accuracy	One-point calibration(μm)	± (3%H+1)			± (3%H+10)	± (3%H+1.5)	± (3%H+1)
	Two-point calibration(μm)	± [(1~3)%H+0.7]	± [(1~3)%H+1]		± [(1~3)%H+10]	± [(1~3)%H+1.5]	-
Measuring conditions	Min curvature of the min area (mm)	Convex 1	1.5	Flatten	10	3	Flatten
	Diameter of the min area (mm)	φ3	φ7		φ40	φ5	φ7
	Critical thickness of substrate (mm)	0.2	0.5		2	0.3	unlimited

Application of two measuring methods

Magnetic induction (F)

Coating: non-magnetic material
Substrate (base): magnetic material

Any non-magnetic materials such as gold, copper, zinc, tin, lead, resin, rubber, glass and so on.

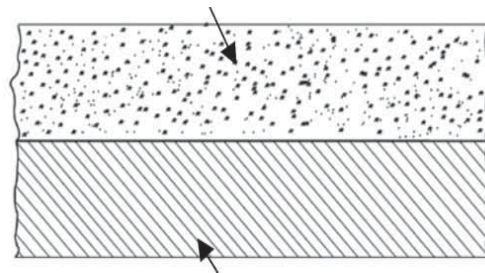


Any magnetic materials such iron, steel, cobalt and nickel.

Eddy current (N)

Coating: non-conductors
Substrate (base): non-magnetic metals

Any non-conductors such as painting, synthetic resin, rubber, glass and so on.



Any non-magnetic metals such as brass, copper, aluminum and so on.