

# TT260 Coating Thickness Gauge (Extended Probe)

## FEATURES

- Two measuring methods: magnetic induction (F) and eddy current (N)
- Measurement of Chrome plating on copper with N probe
- Measurement of Chrome Plating on steel with F probe
- 6 types of optional 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 via built-in printer
- Data view software for connecting with PC via USB
- Low battery indication
- 2 switch off modes: manual and auto

## 6 OPTIONAL PROBES AVAILABLE

## TECHNICAL PARAMETERS

### Particulars

Measuring range	
Probes available	
Tolerance	Refer to the table below
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	USB
Working temperature	0-40°C
Power Supply	Li-On rechargeable batteries
Dimensions	270mm x 86mm x 47mm
Weight	Approx. 530g
Overall dimensions	140mm x 52mm X 48mm
Weight	440g



## STANDARD CONFIGURATION

Name	Qty.
Main unit	1 pc
Calibration foil set	1 pc
Substrate	1 pc
Charger	1 pc
Probe (F/NF)	2 pc
Instruction manual	1 pc
Certificate of Calibration	1 pc
6 optional probes	1 pc

## OPTIONAL PROBE 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 chrome late on copper)	10~200		
Low range resolution (μm)	0.1	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)	∅3	∅7	∅7	∅40	∅5	∅7	∅7
	Critical thickness of substrate (mm)	0.2	0.5	0.5	2	0.3	unlimited	unlimited