

TIME[®] 2605

COATING THICKNESS GAUGE

Standard Delivery

•Main unit	1
•Probe	1
•Substrate	1
•Calibration foil	1
•Charger	1
•TIME certificate	1
•Warranty card	1
•Instruction manual	1

Features

- Two principles of operation are adapted: magnetic induction (ferrous) and eddy current (non-ferrous) to take non-destructive measurements.
- Features two working modes: DIRECT and BATCH & two measuring ways: CON TIn UE and SIn GLE
- Statistics include the mean, maximum, minimum, test numbers and standard deviation.
- Memory of 10000 data
- Adjustment and Correction: the system error can be corrected by basic calibrating method.
- Alarming function: alarming automatically if measuring values out of pre-set limitation
- Battery Indicator: Low battery indicator
- Printing function: measuring value, statistic value can be printed
- Error warning Function: error warning in display during malfunction
- Manual or automatic shutdown.



Technical Specification

Technical Specification	F1.5		N1.5/FN1.5		F1.5R	F3.5/FN3.5	F10
Probe	F1.5	n 1.5	Fn 1.5	F1.5R	F3.5	Fn 3.5	F10
Working principle	Magnetic induction	Eddy current	Both	Magnetic induction	Magnetic induction	Both	Magnetic induction
Measuring range	0-1500 μm				0-3500 μm	F: 0-3500 μm n : 0-3000μm	0-10000 μm
Minimum resolution	0.1μm				0.1μm		1μm
Tolerance	±(1%H+1)				±(1%H+3)		±(1%H+5)
Min. curvature radius	Convex 1.5 mm				Convex 5 mm		Convex 10mm
Min. area diameter	Φ7 mm				Φ10mm		Φ40mm
Critical thickness of the base	0.5 mm	0.3mm	F: 0.5mm n : 0.3mm	0.5 mm	0.5 mm		2mm
Temperature	10℃ - 30℃						
Humidity	≤75%RH						
Working environment	no strong magnetic field						
Power	Li Battery 1 x 3.7V 2200mAh						
Dimension	203.4 x 92.1 x 52.1 (mm)						
Weight	400g (main unit)						