

India Tools & Instruments Co.

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Coating Thickness Gauge ITI-3000

High Accuracy And Wide Range Coating Thickness Gauge With Separated Probe ITI-3000

Product Description:

The measuring range of this coating thickness gauge is up to 5000um. It is used for non-destructive coating thickness measurement of nonmagnetic coatings on steel and insulating coatings on non-ferrous metals. It has with separated external probe and can be replaced easily.

- High accuracy and stability, wide measuring range
- With separated probe and can be replaced easily
- 128X128 dot matrix LCD Display and menu interface
- LCD shows mean, maximum, minimum and standard deviation
- User can set alarm limit and red backlight indication
- Readings can be stored, recalled and deleted
- Easy to do zero calibration and multi-point calibration supported
- Connect with PC via USB to download readings
- Multiple languages supported
- Up to 5 measurement groups supported
- Detect the type of substrates automatically



Specifications: –

Model	ITI-3000
Probe	F-Probe & N-Probe
Measuring Principle	Magnetic induction & Eddy Currents
Measuring Range	Up to 10000 um
Accuracy	± (1%+5 um)
Resolution	0~99.9um(0.1um), others(1um)
Calibration	One point to four points calibration, zero point calibration
Data Group	One direct group(readings not be stored in memory)
	Four general groups (readings will be stored automatically)
	NOTE: each group have individual statistics, alarm limit settings, and calibration
Statistics	No. of readings, mean, minimum, maximum and standard deviation
Units	um, mm, mil
Alarm	Users can set the high/ low alarm limit; Alarm icon displayed on the LCD when over the limit
Minimum Curvature Radius Convex	1.5 mm
Minimum Curvature Radius Concave	25 mm
Minimum Measuring Area	Diameter 6 mm

Minimum Thickness Of Substrate	F-Probe: 0.5 mm(0.02"); N-Probe: 0.3 mm(0.012")
Computer Interface	Download data via USB
Power Supply	Three 1.5 V AAA battery
Operation Environment	Temperature: – 10 to 50°C
Storage Environment	Temperature: – 10 to 60°C (-4 to 158°F)
Standard Certification	CE, ROHS, ISO 2178, 2360, GB/T 4956-2003, 4957-2003
Dimensions	158mmX68mmX34mm/ 170g/ ABS

Standard Delivery: Main Unit, TWO test Probes, Data Cable, Software, Coupling Oil, Battery, Operation Manual, Carrying case.

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