TECH Metrology Thickness Gauge

Technical Specification

Thickness Gauge	
Measuring range	0-1250μm, depends on probes, MAX 10mm for the probe F10.
Working principle	Magnetic & Eddy
Substrate	FE / NFE base
Resolution	0.1μm
Display	128×64 LCD with backlight
Accuracy	±2%H+1um Note: H is thickness reading
Memory	5 files x 100 values
Unit switch	Metric (μm) Imperial (mil)
Working temperature	Operation Temp. : -10~50°C Storage Temp. :-30~70°C
Power	AA battery 2pcs
Weight	340g
Size	115*67*31mm

Remarks:

With different probe:JITAI6102 can measure the thickness of non-magnetic coating layers covered on magnetic substrate. Such as: non-magnetic (aluminum, chrome, copper, enamel, rubber, paint) covered on magnetic substrate (steel, alloy and magnetic stainless steel)

It also can measure the thickness of non-conductive coatings layers covered on conductive substrate. Such as: (enamel, rubber, paint, vanish, plastic anodic-oxide layer) covered on conductive substrate (aluminum, brass, zinc and nonmagnetic stainless steel).

Main feature:

- Various probes optional, probe auto matching.
- Durable ruby probe, more wear and precise.
- Full metal shell design, sturdy, portable, high reliability.
- Alarm function when overrun the settable limiting range.
- Five statistics values [MEAN, MAX, MIN, NO., S.DEV] higher measurement accuracy.
- Large storage, easy to delete single or multiple saved values..
- PC software optional, convenient the data transmission, analysis, printing etc.

Standard configuration:

	Name	QTY
1	Main unit	1
2	Probe (Fe or NFe)	1
3	Calibration piece + Zeroing plate	5+1
5	Operating manual	1
6	Warranty card	1
7	Instrument case	1

Optional accessorices:

Probe	Measuring range (mm)	Operating principle
F1	0~1250	Magnetic
N1	0~1250	Eddy current
F10	0~10000	Magnetic