

LABWAN LW111A Separated Probe and Wide Range Coating Thickness Gauge

Product Description

The LABWAN LW111A Separated Probe and Wide Range Coating Thickness Gauge is designed for non-destructive coating thickness measurement of non-magnetic coatings such as paint, enamel and chrome on steel, as well as insulating coatings such as paint and anodizing coatings on non-ferrous metals. It features a 1 m separated probe, wide measuring range, USB interface, memory storage and multi-point calibration.

Features

- 1m length separated probe
- Range 0~5000um, accuracy $\pm 2\% \pm 1\mu\text{m}$
- 128*128dots LCD display
- Menu interface
- Red LED alarm indication
- LCD shows mean, maximum, minimum and standard deviation
- User can set alarm limit
- Readings can be stored, recalled and deleted
- Easy to do zero calibration and support multi-point calibration
- Connect with PC via USB and download readings
- Multi-language supported
- Up to 5 measurement groups supported
- Automatically detect the substrates type(F or N)
- Unit optional: um, mm and mils



Technical Specifications

Specification	Details
Product Name	Separated probe and wide range Coating Thickness Gauge
Model Number	LW111A
Probe type	Fe NFe
Principle	Magnetic Eddy currents
Range	Fe - 0-5000 um NFe - 0-3000 um
Accuracy	±(2%+1um)
Resolution	0.1um (<100um) 1um (others)
Minimum curvature radius convex	5mm
Readings memory	2000
Storage environment	-10 to 60°C
Operation environment	-10 to 50°C
Interface	USB
Power supply	2pcs 1.5v AAA batteries
Certificate and standard	CE, ROHS, ISO 2178, 2360, GB/T 4956-2003, 4957-2003
Size/weight	158 x 68 x 34mm / 170g

Application/ Uses

- Car Paint Coating Testing
- Electroplating & Surface Technology
- Pipeline Anticorrosion Coating
- Mechanical Equipment Surface Anticorrosion
- Chemical Equipment
- Quality Control