Metrix+™
Innovative Excellence

COATING THICKNESS GAUGE

COAT GAUGE PRO XL

Versatile

Measuring principle

This instrument has an integrated probe which uses the principle of electromagnetic induction to measure the thickness of non-magnetic coatings on magnetic substrates and eddy current principle to measure thickness of nonconductive coatings on non-magnetic substrates.



Applications

The instrument is designed for measuring the thickness of paint, galvanized layer, chrome layer, anodized layer, lacquer, epoxy, powder coatings, other electroplatings on ferrous substrates (iron, etc) and non-ferrous substrates (aluminum, etc).

Features

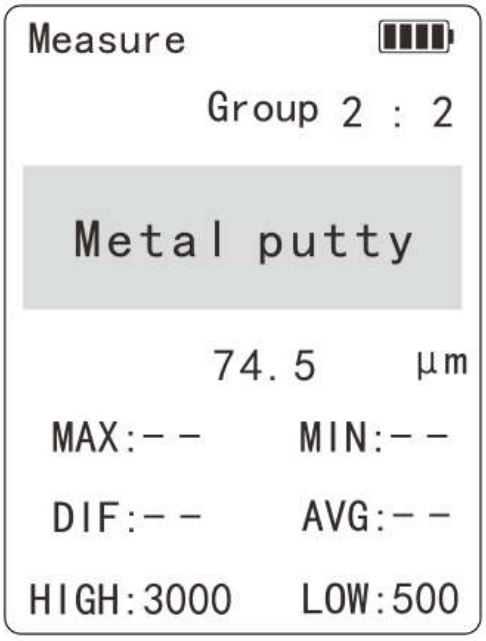
- High measuring range upto 3000um
- Compact, ergonomic, integrated probe design
- Statistics display with data storage in batch structure
- Negative dot-matrix color display for better readability at all angles
- Metal putty detection and notification, which may affect thickness measurements
- Non-metallic and over-range prompts
- Galvanized plating detection
- On-screen guide for calibration process
- Inbuilt battery with Type-C charging

Technical Specifications

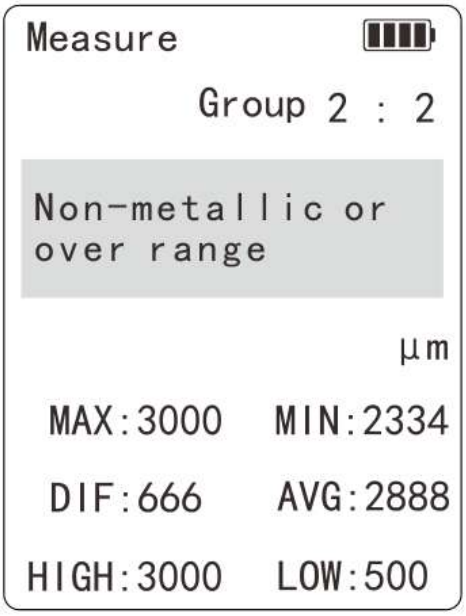
Model	*Metrix+* Coat Gauge Pro xL
Measuring principle	Magnetic induction(F) & Eddy Current(NF)
Measuring range	0 - 3000um
Accuracy	0 ~ 1000um: ±(3% + 1um) >1000um: ±(5% + 1um)
Resolution	0.1um (0~99.9um) 1um (≥ 100um)
Calibration	Zero point and multi-point calibration
Storage	8 data x 10groups storage with statistics of each group
Statistics	Max, Min, Diff, Avg
Units	um, mils
Minimum surface diameter	5mm(convex) 5mm(concave)
Minimum measuring area	6 x 6mm
Minimum thickness of substrate	0.40mm

Power supply	In-built battery with Type C charging
Operation environment	Temperature: -20 to 40℃ Humidity: 20 ~ 90% RH
Size	120mm × 55mm × 23mm
Weight	175g
Standard Accessories	Coating Thickness Gauge, '0' calibration blocks, standard foils, cloth bag, charging cable, technical manual, hard carry case.

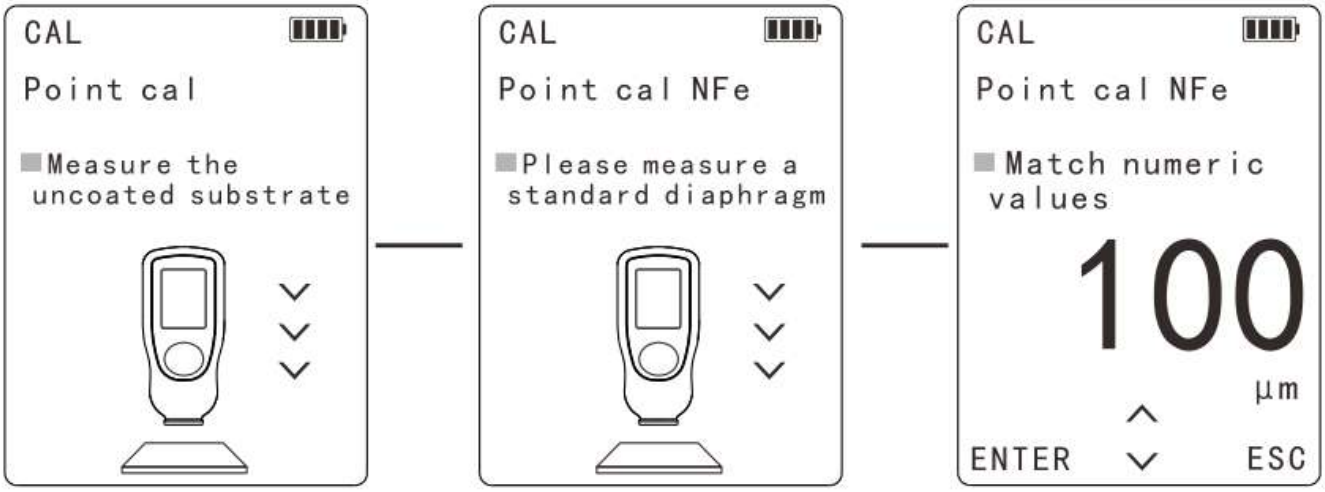
Features pictures



Metal putty detection to notify user of putty inside paint coatings for consideration into the thickness values.



Non-metallic or over-range notification



On-screen guide for calibration process







Model and Specifications subject to change without notice.