

### Measuring principle

This instrument has a separate flexible probe which uses the principle of electromagnetic induction to measure the thickness of non-magnetic coating; 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 or galvanized iron on iron and stainless steel surface and measuring the thickness of paint or plating film on aluminum and copper surfaces.

### Features

- Automatic substrate recognition with flexible probe
- On display calibration guide
- Trend graph with alarm limits
- Bluetooth for data acquisition
- Statistics measurement and in-built data storage
- Clear backlit display

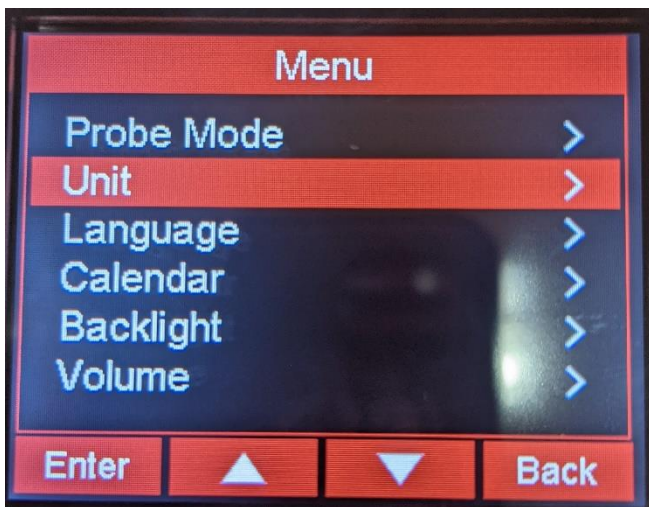


### Technical Specifications

Model	Metrix+ Coat Scope Pro
Measuring principle	Magnetic induction(F) & Eddy Current (NF)
Measuring range	0 - 2000um
Accuracy	±(2% + 1um)
Resolution	0.1um (0~100um) 1um (> 100um)
Calibration	Zero point and multi-point calibration
Storage	10*13*10 measurement data
Statistics	Number of Readings, Max, Min, Mean, Sample Standard Deviation, Coefficient of Variation, Number below Limit, Number above Limit
Units	um, mm, mils, inch
Minimum curvature radius	5mm(convex) 25mm(concave)
Minimum measuring area	Diameter 15mm
Minimum thickness of substrate	0.20mm(F) 0.03mm(NF)
Power supply	2 x 1.5V AA battery
Operation environment	Temperature: -10 to 50°C Humidity: 20 ~ 90% RH
Storage environment	Temperature: -20 to 60°C Humidity: 20 ~ 90% RH

<b>Size</b>	146mm × 76mm × 32mm
<b>Material and weight</b>	ABS
<b>Weight</b>	137g (not including batteries)
<b>Standard Accessories</b>	Coating Thickness Gauge with probe, '0' calibration block, standard foils, batteries, factory calibration certificate, technical manual, hard carry case.

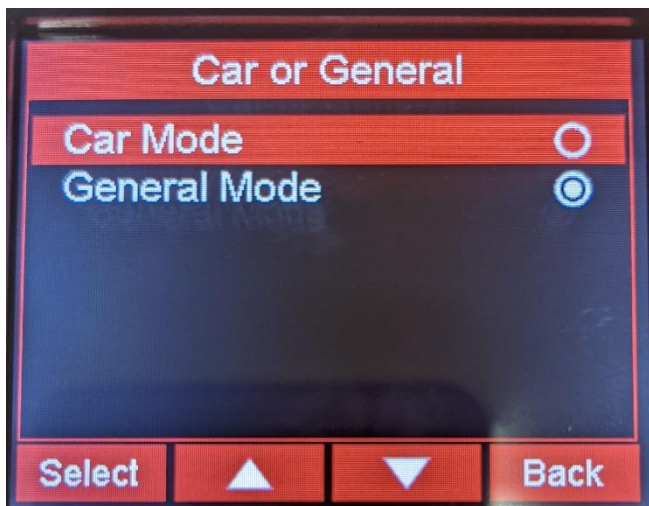
Features pictures



User friendly menu operation



Trend curve



Car mode data storage function



Statistics display