

# COATING THICKNESS GAUGE

## COATING THICKNESS GAUGE LEEB242

### FEATURES

- High stability and precision.
- Software for PC connection and data transmission, analysis, and printing measurement reports.
- With built-in thermal printer. Width of printer paper: 56.5±0.5mm.
- Rechargeable Li-ion battery, available for 10 hours working continuously.



### MEASURING MATERIALS

#### Magnetic Induction (Fe):

Measuring the thickness of Non-magnetic coating on magnetic metal substrate, such as aluminum, chromium, copper, zinc, rubber, paint on the base of steel, iron, alloy and magnetic steel .

#### Eddy Current (NFe):

Measuring the thickness of Non-conductive coating on non-magnetic metal substrate, such as rubber, plastic, paint, oxide on the base of aluminum, copper, zinc, tin.

### TECHNICAL SPECIFICATION

Model	Leeb242
Measuring principle	Magnetic induction (Fe ) or Eddy current ( NFe)
Measuring range (μm)	0~1250μm
Accuracy	±[(1~2%)H+1] μm H refers to the thickness of testing piece
Minimum resolution (μm)	0.1μm
Min curvature of the min area (mm)	Convex1.5 Concave9
Diameter of the min area (mm)	Φ7
Critical thickness of substrate (mm)	0.5
Operating temperature	0°C~40°C
Magnetic field	No strong magnetic field environment
Memory	500 groups measured data
Dimensions	230×86×46mm
Weight	400g
Printer	Build-in High-speed Thermal Printer,
Power supply	Rechargeable Li-ion battery
Standard configuration	Main unit, 5 specimens (48.5μm, 99.8μm, 249μm, 513μm, 1024μm), Charger, paper for printer, Fe or NFe probe & substrate
Optional Accessories	Probes, Specimens, Paper for printer