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Coating Thickness Gauge Leeb231

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Description

Coating Thickness Gauge leeb231

Function & Feature:

- 1 English menu.
- 1 Two patterns of working: pattern of direct and pattern of group.
- 1 Two methods of power off: Manual & Automatically.
- 1 Show battery information in real time.
- 1 Limit settings: alarm if one of the measurement data is beyond of the limits.
- 1 Deleting function: You can delete one of the doubtful data and you can also delete all of data in the memory to prepare for new measurement.
- 1 Saving function: capable of 500 sets of measurement value.
- 1 Two optional methods available to calibrate the gauge, and you can calibrate system error of the probe using basic calibration method.

1 Five statistical data: Mean Value, Maximum Value, Minimum Value, Measurement, Standard Deviation.

Application Fields:

1 Coating thickness gauge is mainly used for measuring hull, oil and gas pipeline, high pressure vessel and boiler wall thickness as well as a metallic materials.

Measuring Material:

1 non conductive coating on non magnetic metal (such as rubber, plastic, paint, oxide on aluminum, copper, zinc, tin)

Technical Specification

Model	leeb231
Operating principle	Eddy current
Measuring range (μm)	0~1250μm
Accuracy	±[(1~3%)H+1]
Low range 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℃~40℃
Dampness	20%~90%
Magnetic field	No strong magnetic field environment
Shell	Metal case
Dimensions	150×55.5×23mm
Power supply	AAA Alkaline battery
Standard configuration	Main unit,5 specimens (50mm 、100mm 、200mm 、500mm 、1000mm), 2AAA Batteries