

COATING THICKNESS GAUGE

COATING THICKNESS GAUGE LEEB210/211/220/221/222

FEATURES

- High quality metal probes.
- Two measuring methods: continuous and single;
- Two working mode: direct and batch;
- Limit setting function.
- Switch off automatically or manually.



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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 No.	Leeb210	Leeb211	Leeb220	Leeb221	Leeb222
Measuring principle	Fe	NFe	Fe	NFe	Fe & NFe
Measuring range(μm)	0~1250μm				
Probe	Settled			Changeable	
Shell	Plastic				
Accuracy	±(1~3%)±1 μm H means the thickness of tested 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				
Memory	200 groups measured data				
Dimensions	115*70*30mm				
Power supply	AAA Alkaline battery				
Standard configuration	Main Machine,5 calibration specimens (48.5μm, 69.8μm, 249μm, 513μm, 1024μm), 1 probe & substrate (Leeb222: 2 probes & substrates)				
Optional Accessories	Probes, Specimens				

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COATING THICKNESS GAUGE

COATING THICKNESS GAUGE LEEB230/231/232

FEATURES

- Software for PC connection and data analysis.
- High quality metal shell.
- With back-light.
- Switch off automatically or manually.



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 No.	Leeb230	Leeb231	Leeb232
Measuring principle	Fe	NFe	Fe & NFe
Measuring range(μm)	0-1250μm		
Probe	Changeable		
Shell	Metal		
Accuracy	±[(1-3%)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		
Memory	300 groups measured data		
Dimensions	115×70×30mm		
Power supply	AAA Alkaline battery		
Standard configuration	Main Machine,5 calibration specimens (48.5μm, 99.8μm, 249μm, 513μm, 1024μm),1probe & substrate (Two probes & substrates for Leeb232).		
Optional Accessories	Probes,Specimens		

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.



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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)	Convex 1.5 Concave 9
Diameter of the min area (mm)	Φ7
Critical thickness of substrate (mm)	0.5
Operating temperature	0℃~40℃
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, 245μm, 513μm, 1024μm), Charger, paper for printer, Fe or NFe probe & substrate
Optional Accessories	Probes, Specimens, Paper for printer

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COATING THICKNESS GAUGE

COATING THICKNESS GAUGE LEEB250/251/252/253

FEATURES

- One button operation.
- Integrated with Fe and NFe in one probe.
- Easy and quick for operation.
- Switch off automatically or manually.



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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	Leeb250	Leeb251	Leeb252	Leeb253
Operating principle	Fe	NFe	Fe & NFe	Fe
Measuring range (μm)	0~1250μm			0~6000μm
Accuracy	±[(1~3%)H+1]μm H refers to the thickness of testing piece			
Minimum resolution (μm)	1μm			
Min curvature of the min area (mm)	Convex1.5 Concave20			
Diameter of the min area (mm)	φ10			
Critical thickness of substrate (mm)	0.5			
Operating temperature	0℃~40℃			
Dampness	20%~90%			
Magnetic field	No strong magnetic field environment			
Dimensions	150×55.5×23mm			
Power supply	AAA Alkaline battery			
Weight	120g			
Standard configuration	Main unit, 2 Calibration specimens (S1,S2), Fe and NFe substrate			

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COATING THICKNESS GAUGE

COATING THICKNESS GAUGE LEEB262

FEATURES

- High stability and precision.
- Software for PC connection and data transmission, analysis, and printing measurement reports.
- With high-speed 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	Leeb262
Measuring principle	Magnetic induction (Fe) or Eddy current (NFe)
Measuring range (μm)	0~1250μm
Accuracy	±[(1%)(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℃~40℃
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

COATING THICKNESS GAUGE

ACCESSORIES

Fe Probe



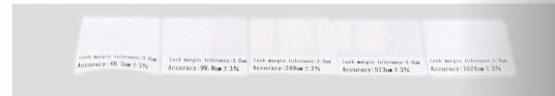
NFe Probe



Fe and NFe substrate



5 Calibration Specimens



ULTRASONIC THICKNESS GAUGE