



Provide solutions for Materials preparation, testing and analysis!

Product Catalog

- Portable Leeb Hardness Tester
- Ultrasonic Flaw Detector
- Ultrasonic Thickness Gauge
- Coating Thickness Gauge
- Surface Roughness Tester








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Portable Leeb Hardness Tester




Name	Model	Photo	Brief Introduction
Portable Leeb hardness tester	L-1		<ol style="list-style-type: none"> 1. With plastic shell body 2. Hardness scale: HL, HB, HRB, HRC, HRA, HV, HS 3. Accuracy: $\pm 6\text{HLD}$ (D impact device) Measuring Direction: 360° 4. Data Memory: 600 groups
Portable Leeb hardness tester	L-2		<ol style="list-style-type: none"> 1. With aluminum body shell 2. Hardness scale: HL, HB, HRB, HRC, HRA, HV, HS 3. Accuracy: $\pm 6\text{HLD}$ (D impact device) 4. Measuring Direction: 360° 5. Data Memory: 600 groups
Portable Leeb hardness tester	L-3		<ol style="list-style-type: none"> 1. With printer, print test data directly, hardness scale: HL, HB, HRB, HRC, HRA, HV, HS 2. Accuracy: $\pm 6\text{HLD}$ (D impact device) 3. Measuring Direction: 360° 4. Data Memory: 600 groups 5. With PC software
Portable Leeb hardness tester	L-4		<ol style="list-style-type: none"> 1. Color screen, hardness scale: HL, HB, HRB, HRC, HRA, HV, HS 2. Accuracy: $\pm 6\text{HLD}$ (D impact device) 3. Measuring Direction: 360° 4. Data Memory: 600 groups 5. With PC software 6. L-4 with plastic body
Portable Leeb hardness tester	L-4S		<ol style="list-style-type: none"> 2. Color screen, hardness scale: HL, HB, HRB, HRC, HRA, HV, HS 2. Accuracy: $\pm 6\text{HLD}$ (D impact device) 3. Measuring Direction: 360° 4. Data Memory: 600 groups 5. With PC software 6. L-4S with aluminum body
Portable Leeb hardness tester	L-5		<ol style="list-style-type: none"> 1. Color screen with printer, hardness scale: HL, HB, HRB, HRC, HRA, HV, HS 2. Accuracy: $\pm 6\text{HLD}$ (D impact device) Measuring Direction: 360° 3. Data Memory: 600 groups 4. With PC software 5. With customized materials function, with Strength (σ_b) mode
Pen type Leeb hardness tester	L-5S		L-5S: No key and menu, can store 270 pcs test data, D prob

Name	Model	Photo	Brief Introduction
Pen type Leeb hardness tester	L-5 Pro		L-5Pro: with key and menu, support any angle test, D prob
Pen type Leeb hardness tester	L-5 Plus		L-5Plus: with key and menu, support any angle test, DL prob
Pen type Leeb hardness tester	L-6 L-6 Pro		L-6: big screen, can not connect with PC, D prob L-6 Pro:big screen, can connect with PC, test data can download to PC in Excel / TXT format, D prob




Ultrasonic Flaw Detector


Name	Model	Photo	Brief Introduction
Mini Ultrasonic Flaw Detector	EFD-100		<ol style="list-style-type: none"> 1. One Function Key, Easily Operate 2. Auto Calibration: Velocity, Probe Delay, Angle/K Value 3. B Scan-Display Flaws Directly 4. 100,000 pcs Data Memory 5. Measuring Range: 1.0~6000mm
Ultrasonic Flaw Detector	EFD-200		<ol style="list-style-type: none"> 1. Measuring Range:1.0~10000mm 2. Measurement mode: single, dual, THRU 3. Frequency range: 0.5-20MHz; 4. With B scan and Peak Hold and Peak Memory function 5. Make video: The cycle of 5 minutes and wirh PC software
Ultrasonic Flaw Detector	EFD-300 Plus		<ol style="list-style-type: none"> 1. Measuring Range: 1.0-10000mm 2. With automatic calibration function (two hole) 3. Support make video (unlimited time) and with PC software 4. Can connect with U-flash, save data more easy 5. With B scan and Peak Hold and Peak Memory function 6. With 28 DGS curves
Ultrasonic Flaw Detector	EFD-400		<ol style="list-style-type: none"> 1. Measuring Range: 1.0~1200mm 2. USB for storage Plug and play 3. B Scan-Display Flaw Directly 4. 200,000 values/5 min video data Memory 5. 5 Intelligent DAC curves , comply to JIS and API standard 6. Magnalium alloy coated, AP65 encapsulation, strong and durable , avoiding electro-magnetic interference 7. Display screen could be adjusted to provide 5 optimum

Ultrasonic Thickness Gauge

Name	Model	Photo	Brief Introduction
Ultrasonic Thickness Gauge	UT-100		<ol style="list-style-type: none"> 1. With automatic calibration function 2. Detection range: 0.75-400mm (normal mode) 3. Resolution: 0.1mm(> 100mm)/0.01mm(<100mm) 4. Frequency bandwidth: 0.5-15MHz 5. Battery: 1.5V AAA x 4 6. Storage Capacity: 100 groups
Ultrasonic Thickness Gauge	UT-200		<ol style="list-style-type: none"> 1. Detection range: 0.75-400mm (normal mode) 2. Resolution: 0.1mm(> 100mm)/0.01mm(<100mm) 3. Frequency bandwidth: 0.5-15MHz 4. Battery: 1.5V AAA x 4; USB communication 5. Storage Capacity: 500 groups
Ultrasonic Thickness Gauge	UT-300		<ol style="list-style-type: none"> 1. Penetrate the coating : 2-25mm 2. Detection range: 0.75-400mm (normal mode) 3. Resolution: 0.1mm(> 100mm)/0.01mm(<100mm) 4. Frequency bandwidth: 0.5-15MHz 5. Battery: 1.5V AAA x 4; USB communication 6. Storage Capacity: 1000 groups

Coating Thickness Gauge

Name	Model	Photo	Brief Introduction
Coating Thickness Gauge	CT-100		<ol style="list-style-type: none"> 1. Measuring range: 0-1250 μ m (based on prob) 2. Substrate: F or N 3. Resolution: 0.1 μ m 4. Memory: 5 group x 100 values 5. Battery: AA battery 2pcs
Coating Thickness Gauge	CT-200		<ol style="list-style-type: none"> 1. Prob: F 2. Resolution: 0.1 μ m (0-99.9 μ m); 1 μ m (over 100 μ m) 3. 1.5V Commercial NiMH / alkaline batteries
Coating Thickness Gauge	CT-300		<ol style="list-style-type: none"> 1. Prob: N 2. Resolution: 0.1 μ m (0-99.9 μ m); 1 μ m (over 100 μ m) 3. 1.5V Commercial NiMH / alkaline batteries

Coating Thickness Guage	CT-400		<ol style="list-style-type: none"> 1. Prob: N and F 2. Resolution: 0.1 μ m (0-99.9 μ m); 1 μ m (over 100 μ m) 3. 1.5V Commercial NiMH / alkaline batteries
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Surface Roughness Tester			
Name	Model	Photo	Brief Introduction
Surface Roughness Tester	SR-100		<ol style="list-style-type: none"> 1. Measurement Parameters(μm): Ra Rz Rq Rt 2. Stroke Length (mm): 6 3. Sampling Length (mm): 0.25 , 0.80 , 2.50 4. Evaluation Length (mm): 1.25 , 4.0 5. Measurement Range (μm) Ra: 0.05 ~ 10.0; Rz: 0.1 ~ 50
Coating Thickness Guage	SR-200		<ol style="list-style-type: none"> 1. Measurement Parameters(μm): 9 kinds 2. The maximum driving trip : 17.5mm/0.7inch 3. Sampling Length (mm): 0.25 , 0.80 , 2.50, 8 4. Evaluation Length (mm): 1-5 5. Measurement Range (μm) Ra: 0.05 ~ 16; Rz: 0.02 ~ 160
Coating Thickness Guage	SR-300		<ol style="list-style-type: none"> 1. Measurement Parameters(μm): 19 kinds. 2. The maximum driving trip : 17.5mm/0.7inch 3. Sampling Length (mm): 0.25 , 0.80 , 2.50, 8 4. Evaluation Length (mm): 1-5 5. Measurement Range (μm): Ra: 0.05 ~ 16; Rz: 0.02 ~ 160 6. With communication software
Coatin Thickness Guage	SR-400		<ol style="list-style-type: none"> 1. Measurement Parameters(μm): Ra, Rq, Rz, R3z, Ry, Rt, Rp, Rm, Sk, S, Sm, tp 2. Measuring Range: Z-axis (vertical): 160mm; X-axis (horizontal): 17.5mm. 3. Graph: Supporting curve, roughness profile, direct contour 4. Sampling Length (mm): 0.25, 0.8, 2.5mm 5. Evaluation Length (mm): $L_n = l_r \times n$; $n = 1 \sim 5$ 6. With communication software 7. Standard: ISO, ANSI, DIN, JIS



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