

ULTRASONIC FLAW DETECTOR

ULTRASONIC FLAW DETECTOR LEEB500



FEATURES

- Probe automatic calibration
- DAC and AVG are automatically formed, and can be corrected and compensated
- Freely switch to four kinds of standards (depth D, level P, distance S, amplitude H)
- Automatically calculate the ϕ value equivalent defects
- Storage: 980 pieces of A-scan images and data
- The width and intensity of launch pulse are adjustable;
- With the durable shell ,oil-proof, water-proof and dust-proof;
- PC software is available for data analysis, management and reports printing
- Power supply: rechargeable Li-ion battery, standby time more than 15hours

APPLICATION

Application for quickly and accurately detection, positioning, evaluation and diagnosis of various flaws in the work-piece, such as cracks, welds, blowhole, etc. It Widely used in electric power, petrochemical, boiler and pressure vessel, steel, military, aerospace, railway transportation, automobiles, machinery, and other fields.

TECHNICAL SPECIFICATION

Model	Leeb500
Operating Frequency	0.5MHz~15MHz
Scanning Range	0-6000mm
Vertical linearity error	<4%
Horizontal linearity error	≤0.1%
Dynamic Range	≥32dB
Noise Level	<8%
Velocity Range	1000~9999 (m/s)
Testing Sensitivity	≥60dB (Depth 200mm, Φ 2 flat bottom hole)
Gain Range	0~110dB
Standard Probes	Straight probe: 2.5MHz, diameter 20mm, cable Q9-Q9 Angle probe: 4MHz, 60 degree, 8*9 mm, cable Q9-C5
Standby Time	≥ 10 hours of continuous work
Temperature	(-20 - 70) °C
Humidity	(20 - 95)% RH
Overall dimension	240×160×40mm
Weight	1.2kg
Standard Delivery	Main Unit, Straight probe, Angle probe, Power adapter, BNC cables, PC software, Manual, Certificate, Warranty card
Optional Accessories	Optional probes, Cables, Calibration blocks, Coupling agent

