

# UEE SERIES- ULTRASONIC FLAW DETECTOR UEE952/953

WARRANTY  
3 YEARS



## FUNCTIONS & FEATURES

- IP65 standard, with the durable metal shell (oil-proof, water-proof and dust-proof)
- PC software is available for data analysis, management and reports printing
- 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)
- Functions such as Auto-gain and peak memory improve detection efficiency
- Automatically calculate the  $\phi$  value equivalent defects
- 13 built-in testing standards are available
- Storage: 500-1000 pieces of A-scan images and data
- Power supply: rechargeable Li-ion battery, standby time more than 15hours
- The width and intensity of launch pulse are adjustable
- AWS standards are available
- With measuring video function
- 3 years warranty and life-long services.

## 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.

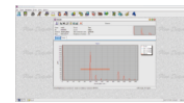
## TECHNICAL PARAMETERS

Model	Uee952	Uee953
Operating Frequency	0.5MHz~20MHz	
Scan Range(mm)	0-6000mm	0-10000mm
Velocity Range (m/s)	1000~15000	100~20000
Vertical linearity error	≤3%	≤2%
Dynamic Range	≥32dB	≥35dB
Horizontal linearity error	≤0.2%	≤0.1%
Testing sensitivity	≥62dB (Depth 200mm, $\Phi$ 2 flat bottom hole)	≥65dB (Depth 200mm, $\Phi$ 2 flat bottom hole)
Measuring channel	100	500
Storage	500	1000
TCG curve	○	●
B Scan	○	●
PC Connection		●
Gain Range(dB)	0~110	0~130
AWS	○	●
Standard Probes	Straight probe: 2.5MHz, diameter 20mm, cable Q9-Q9 Angle probe: 4MHz, 60 degree, 8*9 mm, cable Q9-C5	
Dimension	240*185*55mm	
Weight	1.85kg	
Optional Accessories	Optional probes, Cables, Calibration blocks, Coupling agent	

## Pictures



Data Management



Measuring Display

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