



# MarMonix Handheld Ultrasonic Flaw Detector

Model: MFD-6000



## Functions & 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  $\phi$  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

## Measuring Materials

- 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.

MarMonix MFD-6k



MarMonix MFD-12k

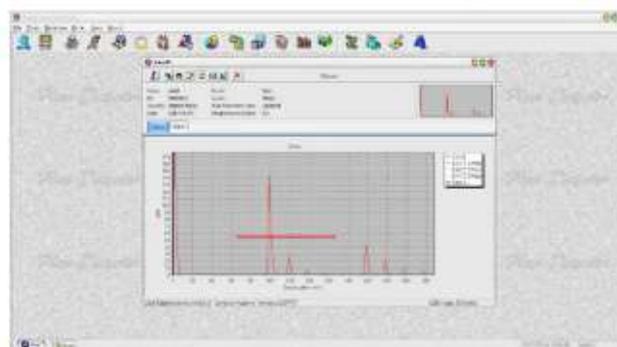


## Technical Parameters

Model	<b>MFD-6000</b>
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, Φ2 flat bottom hole)
Gain Range	0~110dB
Standard Probes	Straight probe: 2.5MHz, diameter 20mm Angle probe: 4MHz, 60 degree, 8*9 mm
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 cable(Q9-Q9)、 PC software, Manual,Certificate, Warranty card
Optional Accessories	Optional probes, Cables, Calibration blocks, Coupling agent



Data Management



Measuring Display