



# SPECIFICATIONS OF FD 201 B

## Measuring Range

Range of scanning	:	1 mm - 10000mm
Resolution for scanning	:	0.1mm (2.5mm-100mm) 1mm (100mm-5000mm)
Range of gain	:	0dB - 110 dB
D-Delay	:	-20 $\mu$ s - +3400 $\mu$ s
P-Delay	:	0 $\mu$ s - 99.99 $\mu$ s
Sound Speed	:	1000 m/s - 15000 m/s

## Operation Environment

Temperature	:	-10°C To 50°C
Humidity	:	20% - 90%RH

## Power Supply

Li Battery	:	7.4V 4800 mAh
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## Overall Dimension and Weight

Overall Dimension	:	40mm X 156mm X 210mm
Weight	:	1.8 kg With Battery

## Performance Features

### Free of strong magnetic field and corrosion.

Automated gain, Peak Hold and Peak Memory

Automated display precise flaw location (Depth d, level p, distance s, amplitude, sz, db,  $\Phi$ )

Automated switch three staff gauge (Dept d, level p, distance s)

Ten independent setup, any criteria can be input freely.

Large Memory of 300 A Scan graph and 30000 thickness value.

Gate and DAC alarm; Accoustic-optical alarm

RS232 (USB) port, communication with PC is easy

The embedded software can be updated

Li battery, continuous working time up to 6 hours

### Other Assisting Function

Display freeze

Automated echo height

Angles and K-value

Lock and unlock function of system parameters

Screen savers

Electronic clock calendar

Two gates setting and alarm indication

High-speed capture and very low noise

DAC, AVG, Solid metal housing (IP65)

Provides high contrast viewing of the waveform from bright, direct sunlight to complete darkness and easy to read from all angles.

Powerful PC Software and reports can be exported to excel

AWS Software

5 colors for menu selection

Screen guard & membrane Key Guard for long life of the flaw detector

Screen representation in +ve, & RF Wave.