

# Advanced Flaw Detector DFD20

## Features

- A&B Scan
- Color TFT display
- Measuring range 0-10,000mm
- 2.5MHz Straight probe and 4MHz angle probe are available
- Standard DAC, AVG, TCG curve
- AWS D1.1 (American Welding Standard)
- Automatic zero calibration and automatic gain
- Automated display precise flaw location (Depth d, level p, distance s, amplitude, sz, dB,  $\phi$ )
- Memory of 800 A graph
- Automated make video of test process and play within 5 minutes
- Powerful PC software and reports can be export to excel
- Lock and unlock function of system setting
- Two gates setting and alarm indication

## Standard Delivery

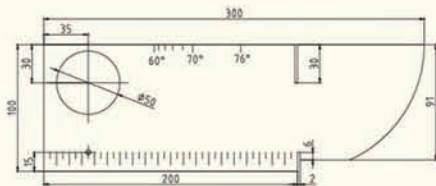
- Main Unit
- 2.5MHz straight probe and 4MHz 8X9 60° angle probe
- Probe cable
- 75ML Couplant
- Software and USB Cable
- Power adapter
- Carrying case
- Operating manual
- Calibration Certificate



## Technical Specification

Measurement range	0 mm~10,000mm
Probe models	2.5MHz straight probe and 4MHz 8X9 60° angle probe
Velocity range	1,000m/s~15,000m/s
Vertical linearity error	≤3%
Horizontal linearity error	≤0.2%
Sensitivity leavings	≥62dB
Dynamic range	≥34dB
Resolving power	≥36dB
Frequency range	0.5-20MHz
Gain	0-120dB
Measurement mode	Single, Dual or Thru
Reject	0-80%
Pulse displacement	-20-3400μs
Zero	0-99.99μs
Memory	800 A graph
Data output	USB
Display	Color TFT display
Power supply	7.4V Li battery
Operating temperature	-20℃~+50℃
Dimensions	240mm ( L ) ×150mm ( W ) ×50mm ( H )
Weight	1.6kg (including batteries)

## Optional Accessories



Test block



Straight probe



Angle probe



Cable