RFD2000 Digital Ultrasonic Flaw Detector

Automated calibration   Automated gain

Automated make video of test process and play

DAC AVG B scan

High-speed capture and very low noise

Solid metal housing

high contrast viewing of the waveform from bright

Powerful pc software and reports can be export to excel

Features

- Automated display precise flaw location(Depth d level p distance s amplitude sz dB φ)
- Automated switch three staff gauge ((Depth d level p distance s)
- Automated calibration of transducer Zero-point, Angles, Front edge and material Velocity
- Convenient to make and use DAC and AVG to evaluate the echo, the curve can be modified and compensated
- Ten independence setup, any criterion can be input freely, we can work in the scene without test block
- Big memory of 300 A graph and 30000 thickness value.
- Automated gain and gain scan;
- Automated make video of test process and play;
- Peak Hold and Peak Memory
- B scan;
- Powerful pc software and reports can be export to excel;
- The embeded software can be online updated
- Li battery, continue working time up to 7 hours;

Other assistant function

- Display freeze;
- Automated echo degree;
- Angles and K-value;
- Lock and unlock function of system parameters;
- Dormancy and screen savers;
- Electronic clock calendar ;
- Two gates setting and alarm indication;
- Gate and DAC alarm;

Specifications

Title	Parameter	Title	Parameter
Measuring Range mm	0 10000	Measurement Mode	Single Dual Thru
Vertical Linearity Error	≤3%	Reject	0~80%
Horizontal Linearity Error	≤0.2%	Pulse Displacement μs	-20 +3400
Sensitivity Leavings	≥62dB	Zero μs	0.0 99.99
Dynamic range	≥34dB	Port Type	C9
Resolving Power	≥40dB	Operating Temperature （ ）	-20 50
Frequency Range MHz	0.5 20	H×W×D(mm)	240×150×50
Gain dB	0 110	Weight kg	1.6
Material Velocity m/s	1000 15000		