



Raytech 620 ultrasonic flaw detector

Automated calibration, Automated gain

- ★ DAC, AVG, TCG, B scan, AWS
- ★ 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:

1. Automated display precise flaw location (Depth d, level p, distance s, amplitude, sz dB);
2. Automated switch three staff gauge ((Depth d, level p, distance s) ;
3. Automated calibration of transducer Zero-point, Angles, Front edge and material Velocity ;
4. Convenient to make and use DACTCG and AVG to evaluate the echo, the curve can be modified and compensated
5. 6dB DAC functions;
6. Standards of test for DAC is saved.
7. 500 independence setup, any criterion can be input freely, we can work in the scene without test block ;
8. Big memory of 1000 A graph
9. Automated gain and gain scan;
10. Peak Hold and Peak Memory ;
11. B scan;

12.AWS D1.1

13.Automated make video of test process and play; use upan,the length of video is unlimited.

14.Powerful pc software and reports can be export to excel;

15.Li battery, continue working time up to 10 hours;

16.The embeded software can be online updated ;

Other assistant function

- Display freeze;
- Automated echo degree;
- Angles and K-value;
- Lock and unlock function of system parameters;
- 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	≤0.1%	Pulse Displacement(μs)	-20 ~ +3400
Sensitivity Leavings	≥62dB	Zero(μs)	0.0 ~ 99.99
Dynamic range	≥34dB	Port Type	BNC(Q9)
Resolving Power	≥36dB	Operating Temperature (°C)	-20~50
Frequency Range(MHz)	0.5 ~ 20	H×W×D(mm)	240×156×50
Gain(dB)	0 ~ 120	Weight(kg)	1.0(with battery)
Material Velocity(m/s)	1000 ~ 15000		

Standard Configuration

	Name	QTY
1	Main unit	1
2	power adaptor	1
3	probe connecting cable	2
4	Instrument case	1
5	Instruction manual	1
6	Straight probe 10mm 4MHz	1
7	Angle probe 8x9 60°4MHz	1
8	Certificate of approval	1
9	Warranty card	1
10	Software and cable	1