

TFD320 ULTRASONIC FLAW DETECTOR

Product Description:



DAC AVG & B scan Dual 4A Ultrasonic Flaw Detector TFD320 for Gate and DAC alarm & 5 MINUTES VIDEO

Product Info:

- Automated calibration Automated gain
- Automated make video of test process and play
- DAC AVG & B scan, AWS function, 6dB DAC
- High-speed capture and very low noise
- Solid metal housing (IP65)
- High contrast viewing of the waveform from bright
- Powerful pc software and reports can be export to excel through RS232/ USB interface

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

- 100 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 10 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;

Specification :

Title	Parameter	Title	Parameter
Measuring Range(mm)	2.5 ~ 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
Resolving Power	≥36dB	Operating Temperature (°C)	-20~50
Frequency Range(MHz)	0.5 ~ 20	H×W×D(mm)	210×156×40
Gain(dB)	0 ~ 110	Weight(kg)	1.0
Material Velocity(m/s)	1000 ~ 13000		

TFD320 Standard Configuration

No.	Item	Quantity
1	Main Body TFD320	1
2	Straight Beam Probe	1
3	Angle Probe	1
4	Machine-probe Cable	2



5	Battery Module	1
6	Power Adapter (Charger)	1
7	Manual	1
8	Instrument Case	1
9	Datapro Software	1
10	USB communication Cable	1