

Specifications

Automated calibration, Automated gain
DAC, AVG, TCG, B scan, AWS
High-speed capture and very low noise
Ultrasonic Flaw Detector

KUT650 Digital Ultrasonic Flaw Detector

(The leader of UT supplier in China)

Automated calibration, made in KairDa

The most hot-sale UT Detector in China

Support by China NDT Institution



- ◆ **Automated calibration, Automated gain**
- ◆ **DAC, AVG, TCG, B scan, AWS**
- ◆ **High-speed capture and very low noise**
- ◆ **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\TCG and AVG to evaluate the echo, the curve can be modified and compensated
- 6dB DAC functions;
- Standards of test for DAC is saved.
- 500 independence setup, any criterion can be input freely, we can work in the scene without test block;
- Big memory of 1000 A graph
- Automated gain and gain scan;
- Peak Hold and Peak Memory;
- B scan;
- AWS D1.1
- Automated make video of test process and play; use upan, *the length of video is unlimited.*
- Powerful pc software and reports can be export to excel;
- Li battery, continue working time up to 10 hours;
- 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	HxWxD(mm)	240x156x50
Gain(dB)	0 ~ 120	Weight(kg)	1.0(with battery)
Material Velocity(m/s)	1000 ~ 15000		

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