



ITE 10 Ultrasonic Flawdetector/thickness meter



A pre-programmable ultrasonic tester for your application which allows the use with little training only.

We supply the kit with the proper sensor and will set an number of default programs for a very quick start.

Depending on the application we can include clear instructions how to use the instrument and get your testresults quickly.

General specifications:

- Automated calibration of transducer Zero Offset and/or Velocity
- Automated gain Peak Hold and Peak Memory
- Automated display precise flaw location(Depth level distance amplitude dBφ)
- Automated switch three staff gauge (Depth level distance)
- 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.
- B scan
- RS232 port communication with pc is easy
- The embedded software can be online updated
- Li battery, continue working time up to 8 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;
- High-speed capture and very low noise;
- DAC □ AVG □ B Scan;
- Solid metal housing (IP65);
- Automated video of test process and play;
- Provides high contrast viewing of the waveform from bright, direct sunlight to complete darkness and easy to read from all angles;

Powerful pc software and reports can be exported to excel;

Specifications

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	60dB	Zero-μs	0.0 - 99.99
Pulse Displacement	32dB	Port Type	BNC
Resolving Power	≥40	Operating Temperature	-20-50 degree C
Frequency Range MHz	0.5 - 20	H×W×D(mm)	240×180×50
Gain-dB	0 - 110	Weight-kg	2.2
Material Velocity-m/s	1000 - 14.000		

Warranty: One year warranty, battery not included. Optional second year warranty available