

Quantum TE

QTE ULTRASONIC FLAW DETECTOR

Fast-Update Ultrasonic Flaw Detector, Hand Held.



Weighs 6.4 pounds (2.9 kg) w/ 5 D-cell batteries. Built-in precision thickness gage. Easy to read ultra fast LCD display. A-trace with digital thickness readout. New user-friendly menu structure with help screens for every menu item. User defined screen setup provides four screen presentation modes. Membrane push button controls. Direct access to range, delay & gain controls as well as various menus through a new direct access keypad. Five user definable keys allow the user to customize the instrument to meet specific user requirements.

Features 115 dB gain; square-wave type pulser continuously adjustable from 50 - 400 volts; IP/IF/delay sync; 16 step variable damping adjust; linear reject; broadband and tuned receivers 0.5, 1.0, 2.25, 5.0, 10.0 MHz; blocking gate; 50 set up memory locations; echo displays: full wave rectified, plus or minus half wave, RF, full scale extended range of 200 inches (5 meters); RS-232C I/O port; last value thickness hold, (2) flaw gates, flaw and thickness alarms, flaw triangulation. DAC / DAG & weld curves meet any inspection requirement probe connection through BNC connectors.

Uses 5 D- cell alkaline or Ni-Cad batteries for up to 35 hours of continuous use. Shipped complete with AC charger/eliminator, rugged carrying pouch with shoulder strap, BB-01 cable, couplant bottle, QPC1 computer/printer interconnect cable, and QSETUP set up & transfer program.



DATA LOGGING OPTION.

Capable of storing up to 4000 data points in a single stream of data using up to 16 character alpha numeric location and data. The "grid" format stores information in two axis, using location AA thru 999. Can store ten discrete logs. Stores thickness or amplitude data. In the angle mode, the logger stores thickness, amplitude and triangulation data. A-trace can be stored with setups. Using QLOG, data can be downloaded to a PC in an ASCII format for use in any peripheral program such as Excel or Quattro Pro.