

Product Name :
Ultrasonic Flaw Detector**Product Code :**
STR0003 LAB ENGINEERING**Description :**

Ultrasonic Flaw Detector

Technical Specification :

This unit has a variable square wave pulsar to optimize the performance of transducers. Probe sensitivity is increased by pulse width variation.

- 1.) Bench mounted unit.
- 2.) Bright electro-luminescent display.
- 3.) Frequency range 5 bands 1MHz to 35 MHz
- 4.) Test modes pulse echo and transmit/receive.
- 5.) Update rate 60Hz.
- 6.) 5 Measurement modes.
- 7.) Selectable damping.
- 8.) Continuously variable probe zero.
- 9.) Test range 1 to 20000mm at steel velocity.
- 10.) Gain 0 to 110dB.
- 11.) Panel memory 20 stored calibrations.
- 12.) Thickness logging 2000 storage readings.
- 13.) RS232 interface.
- 14.) Battery operation/Mains operation power pack.
- 15.) Transducer sockets BNC or LEMO.
- 16.) Aluminum Carry case.
- 17.) Operating temperature-10 to 55 degree C.
- 18.) 4.3 MHz crystal single angle medium damped.

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- 19.)** 2.25 MHz crystal single angle medium damped.
 - 20.)** 5 MHz 2 x 8 x 4 crystal twin contact medium damped.
 - 21.)** 2.25 MHz 2 x 8 x 4 crystal twin contact medium damped.
 - 22.)** 1.25 MHz 2 x 8 x 4 crystal twin contact medium damped.
 - 23.)** 10 MHz 10mm dia. crystal single contact medium damped.
 - 24.)** 2.25 MHz 10mm dia. crystal single contact high damped.
 - 25.)** 5 MHz 10mm dia. crystal single contact high damped.
 - 26.)** Single probe cable 2 meters.
 - 27.)** Twin probe cable 2 meters.
 - 28.)** Printer cable.
 - 29.)** PC cable.
 - 30.)** Calibration blocks welding.
 - 31.)** Storage and recall software

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