

TIME®2190 Ultrasonic Thickness Gauge



Picture just for reference

HST Group Co.,LTD

Development Base of Advanced Testing Machine Of China



Features:

- A-scan waveform can be displayed for echo analysis and measurement of complex workpiece
- Compatible with many types of transducers, both single and dual element transducers
- Users can set blanks to shield aftershocks or clutter
- Echo-echo measures the true metal thickness while ignoring the thickness of coating layer.
- T h r u - c o a t technology measures metal and nonmetallic coating thickness.
- Signal auto-amplification function
- Adjustable voltage variable pulse width square wave pulse generator
- Single value B-scan display function
- Fast measurement mode up to 20 times per second
- Set upper and lower limits and alarm
- Data can be output to a removable MicroSD memory card. Can store up to 500,000 measured values and waveforms.

Technical Specification

Measurement range	0.20~500mm
Velocity range	508 m/s~18699m/s
Display screen	Color TFT LCD, 320x240 pixels
Pulse generator	Adjustable Square Wave Pulse Generator
Resolution	0.001mm or 0.01 or 0.1mm optional
Emission voltage	60V, 110V, 150V, 200V optional
Emission pulse width	varies with transducer frequency
Gain range	0-99dB, 1dB step
Frequency range	0.5 Mhz~20Mhz
Measurement rate	standard (4Hz), fast (20Hz)
Transducer settings	10 sets of fixed transducer setting and 22 sets of custom transducer setting

Why choose us!

Products are sold to USA, Canada, Australia, Europe, South east Asia,Africaetc,
more than 130 countries

Data Storage	500 data files, each capable of storing 1000 measurements and waveforms
Working temperature	0°C~40°
Power	three AA battery or NiMH batteries
Dimensions (mm)	187mm×87 mm×43 mm
Weight (g)	360g

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