

SENTINEL™ Ultrasonic Thickness Gage

Waveform Ultrasonic Thickness Gage

The SENTINEL™ Waveform Ultrasonic Thickness Gage is the smallest ultrasonic thickness gage with high resolution color waveform display. Unique features include live color A-Scan and B-Scan, 50K thickness reading (5000 waveforms) datalogger with interface program, vibration and color change of waveform on alarm.

Auto range centers echoes in the middle of the screen independent of material thickness. The blanking and gain adjustments are ideal for complete waveform adjustment and control. The echo to echo feature can ignore the paint or coating thickness. The waveform option can even be added to our popular SHC-09 gages.

Features

- Live simultaneous color waveform and thickness display
- Dynamic waveform color change on alarm
- Control of gain, blanking, range, RF and rectify modes
- Available in multiple models



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DEVICE SPECIFICATIONS

	DESCRIPTION
Thickness Range	0.008 in to 20 in (.20 mm to 508 mm)
Delay line zero measurement	Auto at power up with listed numeric value
Scan Mode	Displays minimum or maximum thickness value at 20 measurements per second
Batteries	2 AA alkaline batteries (up to 200 hours)
Differential Mode	Displays the difference from the actual thickness measurement and a user entered reference value
Alarms	Minimum/Maximum depth, vibralarm, beeps and display flashes as well as keypad illumination and vibration
Illuminating Keypad	F1=Red, F2=Yellow, F3=Green
Transducer Attendant	Automatically informs operator to replace the transducer
Gain Adjust	Variable adjustment of gain
Range	Adjustment of manual range control or auto zoom tracking to center echoes independent of selected range
Rectification Modes	RF, Half Wave Positive, Half Wave Negative and Full Wave Rectification
Waveform	Live Color Waveform
Echo to Echo	Measures the metal thickness only
Non-Encoded B-Scan	Displays a cross section of the test piece
Dimensions	5 in x 3 in x 1.25 in (127 mm x 76.2 mm x 31.75 mm)
Weight	8 oz (.23 kg)
Operating Temperature	-4° F to 122° F (-20° C to 50° C)



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