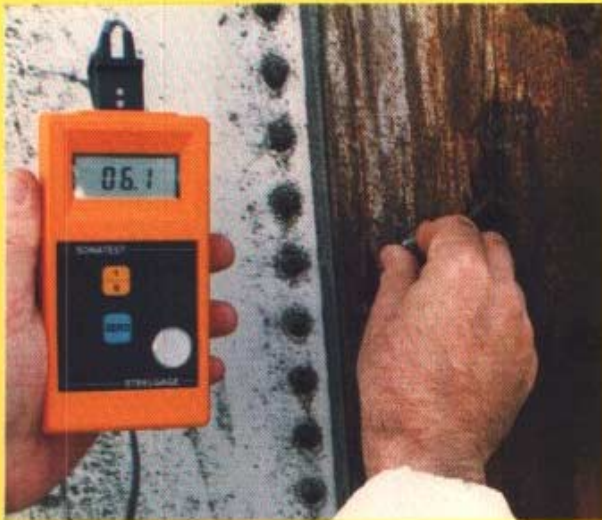


STEELGAGE ULTRASONIC THICKNESS GAGE

An easy to use Thickness Meter for monitoring corrosion and erosion of plant, pipework and pressure vessels manufactured from steel.



- Pre-calibrated for steel
- Resolution 0.1mm (0.005")
- Replaceable alkaline battery
- One point instrument and transducer calibration
- Retains last reading
- Two key operation
- Automatic indication of couplant condition
- Two year Warranty
- Liquid crystal display

The STEELGAGE is a low-cost ultrasonic thickness gage which is pre-calibrated for measurement on carbon steels. Microprocessor control combines ease-of-use with stable and accurate measurements. The STEELGAGE retains the last reading after switch-off. A coupling indicator and low battery warning are shown on the liquid crystal display. The transducer is placed on the zero block with a dab of suitable couplant. The zero key is then pressed and " - - - " display indicates the instrument is ready for use. Sonatest provide a transducer repair/replacement service minimising the cost of use.

The STEELGAGE is supplied as a standard kit complete with the following items:-

- Thickness GageSTEELGAGE
- 5MHz Transducer (integral cable)SG1
- Operator Manual147241
- Couplant BottleT-08
- BatteryPP3
- Carry Case195082
- Certificate of Conformity

ACCESSORIES

- Water Based CouplantSonagel-W1
- Oil Based CouplantSonagel-01
- Step Wedge VW149099
- CBM Block (Metric)149097
- CBI Block (English)149098
- CBV Velocity Block (Metric)149091
- CBV Velocity Block (English)149090
- Leather Case195084



Standard STEELGAGE kit including SG1 transducer and carrying case





SPECIFICATION

Measurement Range:	1.0mm–199.9mm (.05"–19.99") (Depending on transducer and steel)
V-Path Correction:	The microprocessor automatically adjusts for linearity
Display:	Liquid crystal display
Velocity:	Pre-set at 5920 Metres Per Second
Resolution:	0.1mm (0.005")
Power:	PP3 alkaline battery
Zero Adjustment:	Automatic when the transducer is applied to the Zero block and the Zero key pressed
Auto Shut-off:	2.0 minutes after last reading, or last key press
Memory:	Retains last calibration and reading
Weight:	260 grams (10oz) including battery
Length:	145mm (5.7")
Width:	79mm (3.1")
Height:	35mm (1.4")
Temperature Range:	-10°C to 50°C (+10°F to 120°F)

TRANSDUCERS FOR STEELGAGE



General Purpose (1/2") - SG1

The standard SG1 is a 5.0MHz transducer with integral cable. Measurement range is 1.0mm (0.05") to 155mm (6.00"). Contact diameter is 9mm (0.375"). Also available with microdot connectors (part no. SG1D)



Hi-Power (1/2") - SG2

The SG2 is a 2.25MHz transducer with integral cable. Measurement range is 5.0mm (0.20") to 199.9mm (10.00"). Contact diameter is 15mm (0.60"). For use on attenuative or coarse-grained material. Also available with microdot connectors. (Part no. SG2D).

In line with our policy of minimising "life-cycle" costs of our products, a transducer repair service is offered, which reduces the "whole-life" cost of replacements significantly.

Sonatest is the leading European manufacturer of Ultrasonic Flaw Detectors, Thickness Gages and Transducers. All Sonatest products are covered by a comprehensive warranty, and are manufactured under a Quality System approved to ISO 9002.



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