



## **B-Gage**

designed for operation the Easy to use and in field, the B-Gage is the new hand held variable velocity ultrasonic thickness meter from Sonatest.

Measuring Range: 1mm - 300mm

Resolution of 0.1mm

Auto Power Off

Powered by two AA size batteries

Metric version only

### **Applications**

Materials include metals, plastic, glass, ceramics or any material that satisfactorily conducts ultrasound.

Main application is to assess wall thinning due to corrosion/erosion, in the following example field environments:

Heat Exchanger Tubing Pressure Vessels Castings Boilers Forgings Axles/Rails/Wheels Ship Hulls/Decking Machine Parts Storage Tanks Plate & Pipes



Typically operates for 18–10 hours on 2 AA cells

> V-Path correction built in for increased accuracy

One Step calibration (for steel)

# Simplicity | Capability | Reliability

## Specifications

PHYSICAL	
Weight:	200g (10 ounces) with batteries.
Size:	65 mm W x 125 mm H x 30 mm D
Case:	ABS moulded case
Keypad:	Sealed keypad. 5 tactile feedback keys
Display:	Multi-function 4 digit LCD with 0.500 inch numerals. Display thickness, velocity. Battery check and coupling check
Transducers:	Dual crystal transmitter reciever type BG105. Custom transducers available for special applications.
POWER SOURCE	
Battery Type:	2 x AA alkaline.
Battery Life:	Typically operates for 18-10 hours on alkaline batteries. Display flashes when battery is low.
MEASURING	
Overall Range:	1.0 - 300.0 mm specified range depends on the test material, transducer, surface and temperature.
Units:	Metric units only.
Resolution:	0.1 mm
Accuracy: (for standard probe DT201):	0.1 mm (up to 60 mm) +/- 0.3% (above 60 mm)
V-Path Correction:	Built in for increased accuracy.
Calibration:	One step calibration (for steel)



## Distributed by:

Sonatest (Head Office) Dickens Road, Old Wolverton Milton Keynes, MK12 5QQ t: +44 (0)1908 316345 e: sales@sonatest.com

### Sonatest (North America) 12775 Cogburn, San Antonio Texas, 78249 t: +1 (210) 697–0335 e: sales@sonatestinc.com

bsi jso 9001 Maky Masgement CE

Part No: (Issue 1\_May2016)