



## B-Gage

Easy to use and designed for operation in the 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

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

## Distributed by:

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