

NEW

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**
1.0 mm—300 mm
- **Resolution of 0.1 mm**
- **Auto power off**
- **Powered by two AA size batteries**
- **Metric version only**

APPLICATIONS

Materials include metals, plastic, glass, ceramic or any materials which satisfactorily conducts ultrasound.

Main application —to assess wall thinning due to corrosion/erosion such as:

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



SOUND SOLUTIONS

B-GAGE

SPECIFICATIONS

PHYSICAL

Weight:

200 g with batteries (10 ounces)

Size:

65 W x 125 H x 30 D mm

Case:

ABS moulded plastic

KEYPAD

Sealed keypad.
Tactile-feedback keys.

TRANSDUCERS

Dual crystal transmitter receiver type BG105

Custom transducers available for special applications.

POWER SOURCE

Two alkaline or NiCad AA cells

Typically operates for 18 - 20 hours on alkaline batteries .

Display flashes when battery is low.

DISPLAY

Multi-function 4 digit LCD with 0.500 inch numerals.

Displays Thickness, velocity, battery check and coupling check.

Auto Power Off

3 minutes after the unit is switched on or last reading taken.

MEASURING

Overall Range:

Measures from 1.0 to 300 mm

(Specified range depends on the test material, transducer, surface and temperature)

Metric units only

Resolution:

0.1 mm

Accuracy

{for standard probe DT 201}
± 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)



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