

T-GAGE IV

The new **T-GAGE IV** is a simple to use hand-held Ultrasonic Thickness Gauge.

The **T-GAGE IV** is a basic model and has the ability to be calibrated to a variety of different materials using one or two point calibration.

The **T-GAGE IV** offers features that make your job easier and has been built to perform in the roughest of industry conditions.

PACKAGING

All Metal Case. The units are sealed with gaskets to protect them from harsh working environments.

TRANSDUCERS

A Dual element transducer is included. Specific transducers are available for Cast Iron, Plastics, Fibreglass, Steel and Glass.

SIZE

63.5 mm W x 120.7 mm H x 31.8 mm D.
Small and portable, the gauges operate on 2 AA batteries for 200 hours plus.

WARRANTY

All gauges in the T-GAGE series are covered by a 5 year limited warranty.

ADVANCED MODELS

The **T-GAGE IV+** features Alarm and Differential modes, high speed scanning and RS232 output.

The **T-GAGE IV DL** contains all of these features plus an Internal Data Logger.

APPLICATIONS

Corrosion & Pitting
Tube & Pipe
Tanks
Boilers
Glass: a variety of applications



Resistant to both water and petroleum products

SPECIFICATIONS

PHYSICAL

Weight:

285 g with batteries (10 ounces)

Size: 63.5 W 120.7 H x 31.8 D mm (2.5 W" x 4.75" H x 1.25" D)

Operating Temperature:

-30° to 50° C (-20° to 120° F)

Case: Extruded aluminium body with nickel-plated aluminium end caps. Resistant to impact and environmentally sealed.

KEYPAD

Sealed membrane resistant to both water and petroleum products. Six tactile-feedback keys.

TRANSDUCERS

Dual element (transmit and receive).

1 - 10 MHz frequency range.

Locking quick disconnect LEMO 00 connectors.

4 foot cable.

Custom transducers available for special applications.



Cert No: 05036



Iss 1/05_2006
Part No: 147301

DISPLAY

Multi-function 4.5 digit LCD with 0.500 inch numerals.

Backlight is selectable:

on / off / auto (illuminates only when taking a measurement).

Measurements displayed in millimetres and metres/second or inches and inches/micro second.

Bar graph to indicate reading stability.

POWER SOURCE

Two 1.5V alkaline or 1.2V NiCad AA cells

Typically operates for 200 hours on alkaline and 130 hours on NiCad.

Display flashes when battery is low.

Unit turns off automatically when battery is too low to operate reliably.

CERTIFICATION

Factory calibration traceable to national standards.

MEASURING

Overall Range: Measures from 0.63 to 500 mm (0.025 to 19.999 inches). Switch to select English or metric units.

Resolution: 0.01 mm (0.001 inches)

Velocity Range: 1250 to 10,000 m/sec 0.0492 to 0.3937 in/μs

Four readings per second for single point measurements or 16 per second in Scan mode – captures the minimum thickness.

Single and Two point calibration option included.

WARRANTY

5 year limited



A Sonatest NDE Group Company

For further information contact:

Sonatest Ltd
Tel: +44(0)1908 316345
FAX: +44(0)1908 321323
Email: sales@sonatest.com
www.sonatest.com

Distributed by:

نمایندگی انحصاری در ایران
شرکت پوشیار
تهران، خیابان آفریقا بلوار گلشهر پلاک ۱۵ طبقه دهم
تلفن: ۲۲۰۵۳۸۴۲ فاکس: ۲۲۰۵۶۴۸۲