



T-GAGE IV MM

The T-Gage IV MM has arrived providing the ultimate in versatile technology for use in the field. This rugged, ergonomic unit combines features such as Fast Scan, Alarm (audible/visual) and Data Logging capabilities together with the Multi-Mode feature; used for reading through and eliminating the thickness of paint or coatings on various materials. All of these features are available to the operator at the touch of button.

Conveniently toggle between pulse-echo mode, to detect flaws and pits, and echo-echo mode, which eliminates paint and coating thickness. There is no longer any need to remove or allow for errors due to paint and coatings.

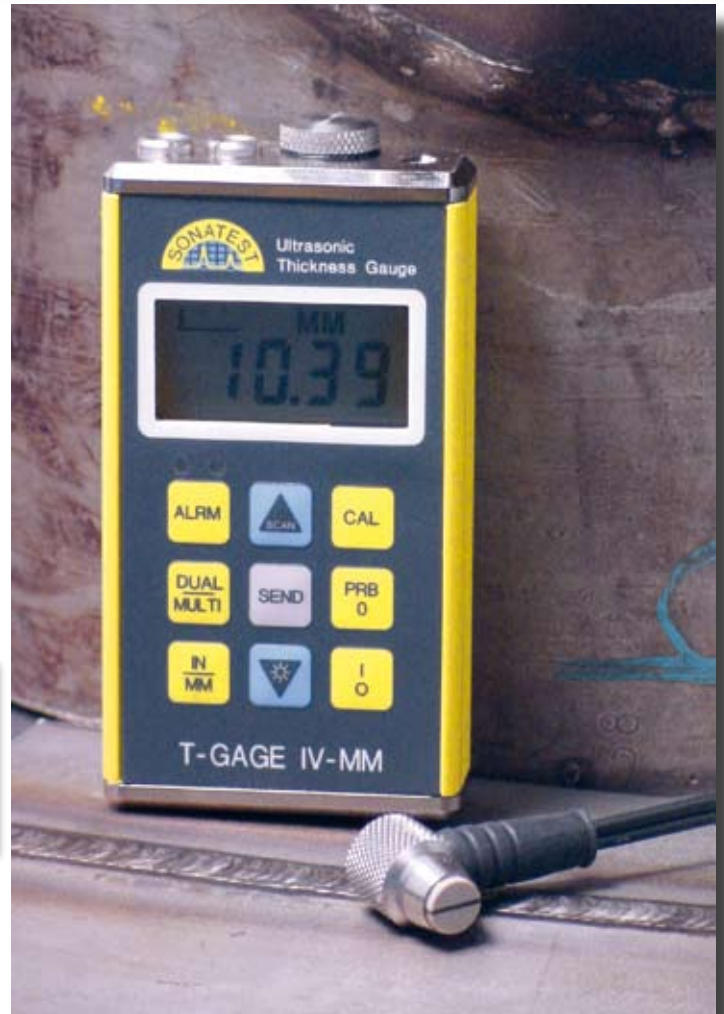
**Speed up your testing procedures.
No need to remove paint or coatings.**

The T-Gage IV MM uses a highly damped dual element style transducer for both modes, eliminating the need to switch between transducer types.

Sonatest Gauges are constructed in an all aluminium sealed case, making them rugged and resistant to the harshest of working environments.

Applications include:

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



Pulse-Echo Mode (Pit & Flaw)
Measurement range 0.63 - 500mm.

Echo-Echo Mode (Through Paint & Coatings)
Measurement range 2.54 - 25.4 mm.

Velocity Range
1250 - 10,000 m/sec

Single and two point calibration option

5 year limited warranty

T-Gage IV MM Thickness Gauge.

Covering all your inspection requirements.

Reads through and eliminates the thickness of paint or coatings.

T-Gage IV MM

Specifications

PHYSICAL

Weight: 285 g with batteries (10 ounces)

Size: 63.5w x114.3hx31.5d mm
(2.5" x 4.5" x 1.2" inches)

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 (gasket) sealed.

KEYPAD

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

TRANSDUCERS

Dual element (transmit & receive).

1 - 10 MHz frequency range.

Special high damped transducers available for Through Paint & Coating measurements.

Locking quick disconnect LEMO connectors.
1.2m cable.

Custom transducers available for special applications.

MEASURING

Pulse-Echo Mode(Pit & Flaw)

Measures from 0.63 to 500mm (0.025 to 19.999 inches)

Echo-Echo Mode (Through Paint & Coatings)

Measures 2.54 to 25.4 mm (0.1 to 1.0 inch).

Selectable imperial or metric units.

Resolution: 0.01 mm (0.001 inches)

Velocity Range:

1250 to 10,000 m/sec (0.0492 to 0.3937 in/ μ s)

Four readings per second for single point measurements or 16 p/s in Scan mode, captures the minimum thickness.

Single and Two point calibration option included.

FEATURES

Multi-Mode: Toggle between Pulse-Echo mode and Echo- Echo mode with the single press of a button.

Alarm Mode: Enter a minimum acceptable thickness, if results fall below this minimum a red LED will illuminate and sound a beeper. Whist above the minimum a green LED will show.

Data Output: RS2323 output sends data to a printer, computer or other external storage device.

DISPLAY

Multi-function 4.5 digit LCD with 0.500 inch numerals, backlit for use in poor light conditions.

Backlight is selectable: on/off /auto (illuminates only when taking a measurement).

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

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

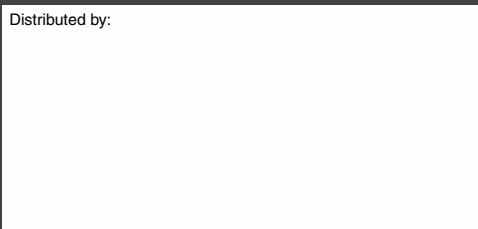
Factory calibration traceable to national standards.

CE approved



Cert No: Q5036

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