

Ultrasonic WALL THICKNESS GAUGE

TI-25M

Measuring Range

0.025 – 6.000 inches

0.60 – 150.0 mm

The new CHECK•LINE® TI-25M Wall Thickness Gauge accurately measures wall thickness and the extent of corrosion of all metals, ceramics, glass and most rigid plastics — *from only one side!*

The TI-25M can be used in a *Single Thickness Reading* mode or in a *Scan* mode, where the probe is dragged over a large measuring area. The minimum thickness reading recorded during the “scan” will be displayed.

The TI-25M probe is waterproof and can be submerged in water. The gauge is impact-resistant and environmentally sealed to provide trouble-free operation under the toughest field conditions.



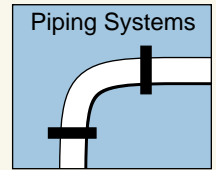
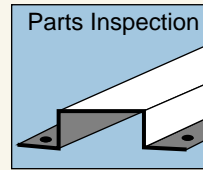
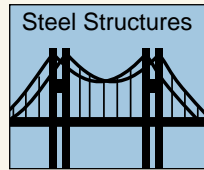
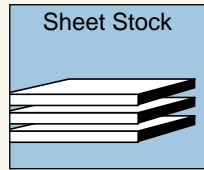
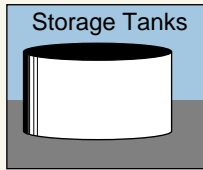
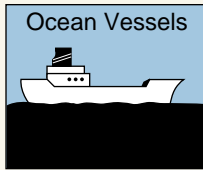
Free NIST Calibration
Certificate Included



FEATURES

- Resolution of 0.001 inch (0.01 mm)
- Large, backlit LCD display retains last reading
- Simple operator controls virtually eliminate training
- Special-purpose probes are offered for a variety of applications
- Switch-selected units for *inches* or *mm*
- For underwater surveying, probe cable lengths up to 50 feet are optionally available
- CE certified

Typical Applications



Specifications

Range*	0.025–6.00" (0.60–150.0 mm) Other ranges available with optional probes.
Resolution	.001" (0.01 mm)
Display	4 1/2 -Digit, 0.5" Backlit LCD
Velocity Range	.0787–.3937 in/μs (2000–10,000 m/sec.)
Probe	7.5 MHz, 0.25" Diameter (6.35 mm)
Probe Wearface	PEEK (Polyethylethylkeytone)
Cable	4 ft. (1.2 m) waterproof cable with non-polarized, quick-disconnect connectors. Optional lengths up to 50 ft. (15 meters).

Temp. Limits	Ambient: –20 to 120 °F (–30 to 50 °C) Material: 0 to 200 °F (–20 to 100 °C) Special high temperature probes are optionally available.
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Battery Type Two AA batteries

Battery Life 200 hours

Weight 710 ounces (280 g)

Size 2.5 x 4.5 x 1.25"
(64 x 114 x 32 mm)



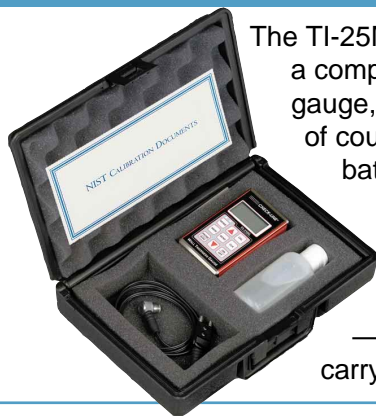
Accessories Included Probe/cable assembly, 4 oz. bottle of coupling fluid, NIST Calibration Certificate, 2 AA batteries, operating instructions, hard-plastic carrying case.

Warranty Gauge: 5 years
Probe: 90 days

*Measuring Range indicated is for steel. Actual range for other materials will vary based upon the material's sonic velocity and attenuation.

Specifications subject to change without notice.

TI-25M Complete Kit



The TI-25M is supplied as a complete kit with the gauge, probe, 4 oz. bottle of coupling fluid, 2 AA batteries, NIST Calibration Certificate and Operating Instruction Manual — all in a foam-filled carrying case.

Measuring Limits

Application	Limits	Dimensions
 	Minimum radius for convex surfaces	0.350" (8.9mm)
	Minimum radius for concave surfaces	6" (150mm)†
	Minimum headroom	1" (25mm)
	Minimum sample diameter	0.150" (3.8mm)

† Probe surface can be rounded to allow it to lie flat in small pipes to 1"