

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



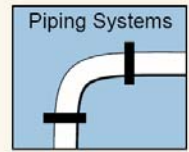
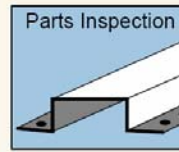
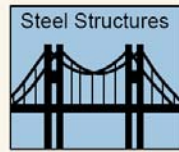
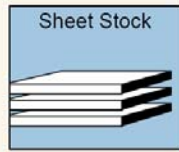
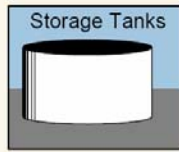
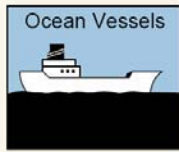
FEATURES

- 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

TI-25M

Data & Specifications

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 ½ -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	<u>Ambient:</u> –20 to 120 °F (–30 to 50 °C) <u>Material:</u> 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)



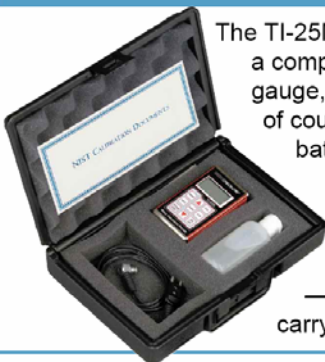
Accessories Included	Probe/cable assembly, 4 oz. bottle of coupling fluid, NIST Calibration Certificate, 2 AA batteries, operating instructions, hard-plastic carrying case.
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Warranty	<u>Gauge:</u> 5 years <u>Probe:</u> 90 days
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*Measuring 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)†
† Probe surface can be rounded to allow it to lie flat in small pipes to 1"		
	Minimum headroom	1" (25mm)
	Minimum sample diameter	0.150" (3.8mm)

Reliability Direct, Inc.

www.reliabilitydirectstore.com, www.extech-direct.com