

Data Logging

WALL THICKNESS GAUGE

TI-25DL

Measuring Range

0.025 – 6.000 inches

0.60 – 150.0 mm

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

The TI-25DL incorporates a built-in memory for 1000 data points that can be stored in 10 separate “batches.” The stored data can be downloaded to a serial printer or a Personal Computer. A Windows compatible data transfer program is supplied at no additional cost.

The gauge can be used in a *Single Thickness Reading* mode or in two alternative modes, the *Scan* mode and the *Differential* mode. The *Scan* mode permits the user to “drag” the probe over a large measuring area where the minimum thickness encountered during the scan will be displayed. The *Differential* mode displays the difference (“+”) or (“-”) from a user-set “nominal” value.



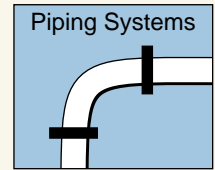
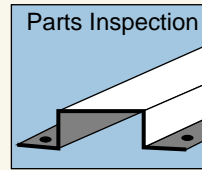
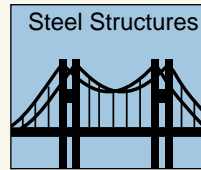
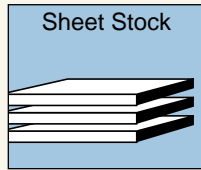
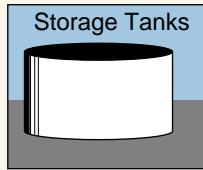
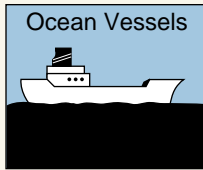
**NIST
Calibration
Certificate
FREE!**



FEATURES

- Memory for 1000 data points in up to 10 batches
- Resolution of 0.001 inch (0.01 mm)
- Selectable units of inch or mm
- Large, backlit LCD display retains last reading
- RS-232C Serial output for downloading stored data to a printer or computer
- Alarm limits with audible & visual indicators
- Special-purpose probes are offered for a variety of applications
- Windows compatible data transfer program supplied at no additional cost
- Compact metal housing is environmentally sealed

Typical Applications



Specifications

Range*	0.025–6.000" (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. (16 m) are available.

Serial Output	RS-232C (8, N, 1, user-set baud rate)
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.
Battery Type	Two AA batteries
Battery Life	200 hours
Weight	10 ounces (280 g)
Size	2.5 x 4.5 x 1.25" (64 x 114 x 32 mm)
Warranty	<u>Gauge:</u> 5 years <u>Probe:</u> 90 days



TI-25DL Complete Kit



The TI-25DL is supplied as a complete kit with the gauge, probe, 4 oz. bottle of coupling fluid, 2 AA batteries, NIST Calibration Certificate, data transfer software, serial output cable and Operating Instruction Manual — all in a foam-fitted carrying case.

TI-25DL Optional Printer



Download stored data to the battery powered P-25DL printer.

*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.