Distributed by: ABQ Industrial LP USA
Tel: +1 (281) 516-9292 / (888) 275-5772 **eFax:** +1 (866) 234-0451
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Ultrasonic
WALL THICKNESS GAUGE

TI-45N

Measuring Range
0.040 – 8.000 inches
1.00 – 200.0 mm

The new CHECK•LINE® TI-45N Ultrasonic Wall Thickness Gauge accurately measures wall thickness and the extent of corrosion on all metals, ceramics, glass and most rigid plastics — *from only one side!*

FEATURES

- Resolution of 0.001" (*0.01mm*)
- Extremely compact & lightweight
- Switch-selected units of *inches* or *mm*
- Built-in calibration test plate
- Quick display update with last reading retained on the display
- Display symbols alert user to poor coupling and low battery conditions
- Operates for 200 hours on a single AA battery

The attractive, ergonomic housing design is very compact, lightweight and rugged. It fits comfortably in the palm of your hand and incorporates a back light that illuminates the LCD in poorly lit areas.

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TI-45N Complete Kit

The TI-45N is supplied as a complete kit with the gauge, wrist strap, probe, cable assembly, 2 oz. bottle of coupling fluid, battery and instruction manual — all supplied in a fitted, hard-plastic carrying case.

Option: attatchment for measuring pipes and tubes.

Specifications

Range (steel)	0.040–8.00 *(1.00 to 200.0mm)*
Resolution	0.001" *(0.01mm)*
Display	4-1/2 digit, 0.5" backlit LCD
Velocity Range	3,250–39,000 ft/sec *(1,000–12,000 m/sec),*
Probe	5 MHz, 0.39" (*10mm*)
Cable	39**"** *(1 meter)* 2-wire cable with locking, quick-disconnect connectors,
Minimum Pipe Size	1" nominal (*30mm*) steel pipe
Temp. Limits	Ambient: 25° to 125° F *(–5° to 50° C)* Material: 15° to 140° F (*–10° to 60° C*)
Calibration Plate	0.197" (*5 mm*) steel plate, built into the front of the housing
Battery Type	One AA battery (1.5 V)
Operating Time	200 hours continuous
Weight	Meter: approx. 6 oz. *(150g)* Probe: approx. 2 oz.(50g)
Size	5.2" x 2.6" x 1" *(137 x 66 x 25mm)*
Warranty	Gauge: 1 year Probe: 90 days
Accessories Included	Fitted, hard-plastic carrying case, 2 oz. bottle of coupling fluid, battery and operating instruction guide

Measuring Limits

Application	Limits	Dimensions
	Minimum radius for convex surfaces	1" *(25.4mm)*
	Minimum radius for concave surfaces	3" *(76.2mm)*
	Minimum headroom	*(76.2mm)*
	Minimum sample diameter	0.5" *(12.7mm)*

**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.

ABQINDUSTRIAL
PRECISION. RELIABILITY. QUALITY.

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