

TIME2110 Ultrasonic Thickness Gauge



Features:

Time Group ultrasonic thickness gauges measure the thickness of ultrasonic wave well-conductive materials with parallel top and bottom surfaces. It measures the thickness of both metal (steel, aluminum, titanium, etc.) and nonmetal (plastics, ceramics, glass, etc.) parts. They are commonly used to measure (remaining) wall thickness of pipes and pressure vessels.

TIME2110 is a basic model, easy to operate and calibrate.

TIME2110 replaces the beloved TT100 model. Their features and operations are the same: built-in test block, mm/inch display, automatic calibration.

Specifications:

Display resolution	0.1 mm / 0.001"
Material velocity range	1000-9999 meters/second (0.039-0.3937 in/ μ s)
Preset sound velocities	5 materials
Tolerance	$\pm(1\%H+0.1)$ mm, H=actual thickness
Memory	10 readings
Low battery indicator	
Operating temperature	-10 °C to 60 °C

Power source	2×1.5 V AA batteries, 250 working hours
Weight	250 g (including batteries)
Dimensions	126×68×23 mm (5"×2.7"×0.9")

Probe (transducer) specifications:

Probes	Frequency	Measuring Range (Steel)	Min. Ø	Min. Pipe Size
5PØ10	5 MHz	0.047"-8.858" (1.2-225 mm)	0.5"/12 mm	Ø0.8"×0.12" (Ø20×3 mm)
5PØ10/90°	5 MHz	0.047"-8.858" (1.2-225 mm)	0.5"/12 mm	Ø0.8"×0.16" (Ø20×4 mm)
SZ2.5P	2.5 MHz	0.118"-11.81" (3-300 mm)	0.6"/14 mm	NA
7PØ6	7 MHz	0.030"-2.362" (0.75-60 mm)	0.3"/7.5 mm	Ø0.6"×0.08" (Ø15×2 mm)

Standard accessories:

- TIME2110 main unit
- Probe 5PØ10 (straight)
- 2×1.5 V batteries
- 2 oz coupling gel temperature 50 °F-140 °F (10 °C-60 °C)
- NIST calibration certificate
- Instruction manual
- Carrying case

Optional accessories:

- Probe SZ2.5P (90°) for cast iron
- Probe 7PØ6 (90°) for thin parts
- Ultrigel II coupling gel 4 oz temperature -10 °F to 210 °F



www.landmarkprecision.com
 Tel: (201) 788-6268
 Email: info@landmarkprecision.com