

## Ultrasonic Thickness Gage TIME2132 (TT320)

### - for Regular & High Temperature



Time Group ultrasonic thickness gauges measure the thickness of ultrasonic wave well-conductive materials with parallel top and bottom surfaces. They are commonly used to measure (remaining) wall thickness of pipes and pressure vessels.

When testing under normal temperature, it measures the thickness of both metal (steel, aluminum, titanium, etc.) and nonmetal (plastics, ceramics, glass, etc.) parts. When testing under high temperature (up to 572°F), it measures steel only.

The display is mm/inch selectable. Zero-point or two-point calibration. Coupling condition indication. Easy to operate. A durable protective rubber cover keeps the unit clean from dust or splash.

#### **Specifications:**

Measurement range	0.047" - 8.858" (1.2 - 225mm) in steel under normal temperature 0.197" – 3.150" (5.0 - 80mm) in steel under high temperature
Display units	inch/mm
Display resolution	0.1mm
On board memory	500 data

Lower limit steel pipes	Ø0.8"×0.12" (Ø 20×3mm) in steel under normal temperature
Measuring accuracy	±(1%H+0.1)mm, H = actual thickness
Sound velocity range	1000m/s-9999m/s
Min. mode display	Display current thickness or minimum thickness
Probes	ZW5P for high temperature 5PØ10 for regular temp.
Setting gain	Higher/Lower selectable
Battery indicator	Low battery indication
Measuring temperature	14°F to 572°F (-10°C to + 300°C)
Power supply	2 × 1.5V AA batteries
Battery life	Up to 100 hours without backlight
Dimensions	152 × 74 × 35mm
Weight	370g

**Standard accessories:**

Main unit with rubber jacket  
 Probe ZW5P  
 2×1.5V batteries  
 Screwdriver  
 Coupling gel for high temperature (range 80°C - 250°C or 176°F-482°F)  
 Calibration certificate  
 Instruction manual  
 Carrying case

**Optional accessories:**

5PØ10 probe  
 Coupling gel for normal temperature  
 Ultrigel II temperature range: -10°F to 210°F (-23°C to 99°C)  
 Coupling gel for high temperature  
 Sono600 temperature range: 0°F to 700°F (-18 to 371°C)

