

2000B-Series Ultrasonic Thickness Gauges

2000B-Series Digital Ultrasonic Thickness Gauges are economical, user-friendly, menu driven, and multi-functional units offering extensive features from basic measurements (model 2000B) to extended memory and RS 232 output capabilities (model 2020B). This dynamic series of UT gauges are designed to measure the thickness of metallic and non-metallic materials such as steel, aluminum, titanium, plastics, ceramics, glass and any other good ultrasonic wave conductor as long as it has parallel top and bottom surfaces. The 2000B-series gauges will accurately display readings in either inch or millimeter after a simple calibration to a known Thickness or sound velocity.

Standard Configuration:

- Main Unit
- Transducer 5 MHz
- Integrated steel calibration plate 4.0mm
- Batteries (2 x AAA)
- Ultrasonic Couplant
- Operation Manual
- Certificate
- Carrying Case
- One Year Warranty

Technical Specification

Display Type	4-digit LCD
Display Resolution	0.001"/ 0.01 mm
Units	Both Metric & Imperial
Measuring Range (steel)	0.04~8.0" (1~200mm) with standard probe
Sound Velocity Range	1000 ~ 9999 m/s (3,280 ~32,805 ft/s)
Operating Temperature	0 ° C ~ +50° C (32~122 F°)
Update Range	4 Hz
Frequency	5 MHz
Power Consumption	2 X 1.5V AAA batteries
Power Source	Approx. 250 hours/set
Battery Life	4 1/4"x 2 3/8"x 1"
Dimensions	Angle: 90° (+5° or -10°)
Weight	4.7 oz (134 g)



Model 2000B-Standard model with standard measuring capabilities (No memory). Resolution: 0.001"/ 0.01 mm



Model 2020B-Memory model with 4,000 reading memory capacity, statistics functions, and RS-232 interface. Resolution: 0.001"/ 0.01 mm

