

### TECHNICAL DATA

#### Features

- Measures the thickness of steel, cast iron, aluminum, red copper, zinc, quartz glass, polyethylene, PVC, grey cast iron and nodular cast iron
- Large, easy-to-read LCD display
- Displays sound velocity at the touch of a button
- Automatic material calibration
- User selectable unit of measure (in/mm)
- Low battery indicator
- Includes ultrasonic couplant gel, probe, hard carrying case and batteries

#### Specifications

Measuring Range:	0.05 to 7.9" (1.5 to 200mm)
Accuracy:	±(0.5% + 0.1mm)
Resolution:	0.001"/0.1mm
Velocity Range:	500 to 9000 m/s
Compatible Materials:	Steel, cast iron, aluminum, red copper, zinc, quartz glass, polyethylene, PVC, grey cast iron and nodular cast iron
Sampling Time:	Less than 1 sec.
Display:	4-Digit, LCD
Probe Length:	3' (36")
Probe Diameter:	0.4" (10mm)
Low Battery Indicator:	Yes
Power Supply:	4 x AA Batteries
Product Certifications:	CE
Operating Temperature:	32 to 122°F (0 to 50°C)
Probe Operating Temperature:	32 to 104°F (0 to 40°C)
Storage Temperature:	-4 to 140°F (-20 to 60°C)
Operating Humidity:	20 to 80%
Dimensions:	6.3 x 2.7 x 1.25" (161 x 69 x 32mm)
Weight:	9oz (258g)

#### TM-8811-KIT

Ultrasonic Thickness Gauge with 5-Step Calibration Block

Includes:  
TM-8811 Ultrasonic Thickness Gauge and R9060 5-Step Calibration Block



Model	Description
TM-8811	Ultrasonic Thickness Gauge
TM-8811PROBE	Replacement Probe
R7950	Ultrasonic Couplant Gel
R7950/5L	Ultrasonic Couplant Gel, 5L
R7950/12	Ultrasonic Couplant Gel, Pack of 12
R9060	5-Step Calibration Block
CA-52A	Soft Carrying Case
R8888	Hard Carrying Case
TM-8811-KIT	Ultrasonic Thickness Gauge with 5-Step Calibration Block
TM-8811-NIST	Ultrasonic Thickness Gauge & NIST