

# **Ultrasonic Thickness Gauge**Model **TM-8811**





## 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:  $\pm (0.5\% + 0.1 \text{mm})$ Resolution: 0.001"/0.1 mm 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 (O to 50°C)

Probe Operating

Temperature: 32 to  $104^{\circ}F$  (0 to  $40^{\circ}C$ ) Storage Temperature: -4 to  $140^{\circ}F$  (-20 to  $60^{\circ}C$ )

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