

### 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:             | 0.004"/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")                                                                                                            |
| Low Battery Indicator:  | Yes                                                                                                                 |
| Power Supply:           | 4 AA Batteries                                                                                                      |
| Product Certifications: | CE                                                                                                                  |
| Operating Temperature:  | 32 to 122°F (0 to 50°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"<br>(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                                  |
| R7950/12     | Ultrasonic Couplant Gel, Pack of 12                      |
| 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                        |