

Features

- Measures a wide range of material including; metals, plastic, ceramics, composites, epoxies, glass, and other ultrasonic conductive materials
- Large, easy-to-read backlit LCD display
- User selectable unit of measure (in/mm)
- Internal memory stores up to 500 measurements
- Displays sound velocity at the touch of a button
- Zero adjustment button
- User adjustable High/Low alarms
- Built-in two-point calibration function
- Auto sleep, shut off and low battery indicator
- Includes ultrasonic couplant gel, probe, hard carrying case and batteries

Specifications

| | |
|-------------------------|--|
| Measuring Range: | 0.03 to 15.7" (0.65 to 400mm) |
| Accuracy: | ±0.04mm (< 10mm) ±[0.1% rdg.+ 0.04mm] (< 100mm) ±[0.3% rdg.] (> 100mm) |
| Resolution: | 0.01mm or 0.1mm (< 100mm) 0.1mm (>100mm) |
| Velocity Range: | 1000 to 9999 m/s (0.039 to 0.394 in/μs) |
| Compatible Materials: | Ultrasonic conductive materials (ie. metals, plastics, ceramics, composites, epoxies, glass) |
| Sampling Time: | Less than 1 sec. |
| Display: | 4-Digit, LCD |
| Backlit Display: | Yes |
| Probe Length: | 3' (36") |
| Internal Memory: | Yes (up to 500 readings, 5 files up to 100 each) |
| Low Battery Indicator: | Yes |
| Power Supply: | 2 AA Batteries |
| Battery Life: | Approx. 100 hours (Alkaline) |
| Product Certifications: | CE |
| Operating Temp.: | 32 to 122°F (0 to 50°C) |
| Storage Temp.: | -4 to 140°F (-20 to 60°C) |
| Operating Humidity: | 20 to 80% |
| Dimensions: | 5.9 x 2.9 x 1.3" (150 x 74 x 32mm) |
| Weight: | 8.4oz (238g) |

TECHNICAL DATA



R7900-KIT

Ultrasonic Thickness Gauge
with 5-Step Calibration Block

Includes:
R7900 Ultrasonic Thickness
Gauge and R9060 5-Step
Calibration Block



| Model | Description |
|-------------|--|
| R7900 | Ultrasonic Thickness Gauge |
| R7900-PROBE | 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 |
| R7900-KIT | Ultrasonic Thickness Gauge with 5-Step Calibration Block |
| R7900-NIST | Ultrasonic Thickness Gauge & NIST |