

Ultrasonic Thickness GaugeModel **R7900**





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)

 \pm (0.3% rdg.) (> 100mm)

Resolution: 0.01mm or 0.1mm (< 100mm)

0.1mm (>100mm)

Velocity Range: 1000 to 9999 m/s

 $(0.039 \text{ to } 0.394 \text{ in/}\mu\text{s})$

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 (O 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