

### TECHNICAL DATA

#### Specifications

Measuring Range:	0.04 to 11.8" (1.00 to 300mm)
Accuracy:	<10mm: ±0.1mm ≥10mm: ±(1% rdg. +0.1mm)
Resolution:	0.1mm/0.01mm/0.01"
Velocity Range:	1000 to 9999m/s (0.039 to 0.394in/μs)
Compatible Materials:	Steel, cast iron, aluminum, acrylic resin, red copper, brass, zinc, quartz glass, polyethylene, PVC, grey cast iron and nodular cast iron
Display:	2.4" monochrome dot matrix screen
Backlight:	Yes
Probe Length:	3' (91cm)
Probe Diameter:	0.5" (12.7mm)
Internal Memory:	Yes (up to 300 readings)
Low Battery Indicator:	Yes
Power Supply:	Built-in lithium battery (3.7V 2000mAh)
Battery Life:	Approx. 16 hours (Fully Charged)
Product Certifications:	CE
Operating Temperature:	32 to 104°F (0 to 40°C)
Probe Operating Temperature:	32 to 104°F (0 to 40°C)
Operating Humidity Range:	20 to 80%
Storage Temperature:	14 to 122°F (-10 to 50°C)
Storage Humidity Range:	20 to 70%
Dimensions:	5.5 x 2.6 x 1.12" (140 x 66 x 28.5mm)
Weight:	6.17oz (175g)



#### Features

- Measures the thickness of steel, cast iron, aluminum, acrylic resin, red copper, brass, zinc, quartz glass, polyethylene, PVC, grey cast iron and nodular cast iron
- Easy-to-read backlit LCD display
- User selectable unit of measure (in/mm)
- Internal memory stores up to 300 measurements
- Displays sound velocity at the touch of a button
- User adjustable High/Low alarms
- Automatic material calibration
- Auto shut off and low battery indicator
- Includes ultrasonic couplant gel, probe, USB cable and carrying case

Model	Description
R7920	Ultrasonic Thickness Gauge
R7920-PROBE	Replacement Probe
R7950	Ultrasonic Couplant Gel
R7950/12	Ultrasonic Couplant Gel, Pack of 12
R7950/5L	Ultrasonic Couplant Gel, 5L
R9060	5-Step Calibration Block
R8888	Medium Hard Carrying Case
R7920-NIST	Ultrasonic Thickness Gauge & NIST