

PR8 Sonic Tester

Our New Model, the PR-8², has been tuned specifically for racing applications. Engine rebuilders use this gauge for cylinder and head porting. Chassis builders use the gauge for tube inspections. The PR-8 2 sonic tester has been modified for the automotive industry. This gauge is commonly used for measuring the thickness of cylinder walls, head ports, decks, tubing, body panels, and windshields. It also has the ability to scan the length of a part to find the minimum thickness.

The PR-8² is backlit and the unit operates for up to 200 hours on a single set of batteries.

The PR-8² is protected by Dakota Ultrasonics 5 year limited warranty.

Applications:

Body Panels, Chassis, Cylinder's & Pitting, Head Ports & Pipe, Roll Cages and a Variety of Applications



PR-8² Sonic Tester

Item #119-Z-102-0002

Kit Includes: Gauge, Transducer, Couplant, Manual, Software, Transfer Cable and Carrying Case.

Physical

Weight:

10 ounces

Size:

2.5 W x 4.5 H x 1.24 D inches
63.5 W x 114.3 H x 31.5 D mm

Operating Temperature:

-20 to 120F (-20 to 50C)

Case:

Extruded aluminum body / nickel-plated aluminum end caps.

Resistant to impact and is environmentally sealed.

Keypad

Sealed membrane that is resistant to both water and petroleum products.

Six tactile-feedback keys.

Transducer

Dual element (transmits and receives).

1 to 10 MHz frequency range.

Locking quick disconnect Lemo connectors.

4 foot cable.

Custom transducers available for special applications.

Power Source

Two 1.5V alkaline or 1.2V NiCad AA cells.

Typically operates for 200 hours on alkaline and 130 hours on NiCad.

Display

Multi-function 4.5 digit liquid crystal display with 0.500 inch numerals, backlit for use in poor light conditions.

Measurements displayed in inches, microsecond, millimeters, and meters/second.

Bar graph indicates stability or reading.

Certification

Factory calibration traceable to national standards.

Warranty

5 year limited.

Measuring

Range:

Measures from 0.040 to 1.50 inches (0.63 to 199.99 millimeters) in casted materials.

Switch to select English or metric units.

Resolution:

0.001 inch (0.01 millimeter)

Velocity Range:

.0492 to .3937 in/ μ s (1250 to 10,000 meters/sec)

Built-in:

Stainless steel reference disk for probe zeroing.

Four readings per second for single point measurements or 16 per second in SCAN mode.

Single and Two-point calibration option included.

Distributed in Canada by:

QPC Instruments Inc.