

Dakota R9 Sonic Tester

Can be used in accordance with:
NIST & MIL-STD-45662A



The Dakota R9 Sonic Tester has been designed for the racing industry, and commonly used to measure the thickness of cylinder walls, head ports, decks, chassis tubing, body panels, and windshields.

Key Features

- Dual element style probe
- Locates blind surface corrosion or deterioration prior to boring
- High speed scan up to 100 measurements a second
- Three material calibration options (Single- and two-point, target velocity)
- Cylinder wall mapping software
- 5 Year limited warranty

Applications



Cylinders



Body Panels



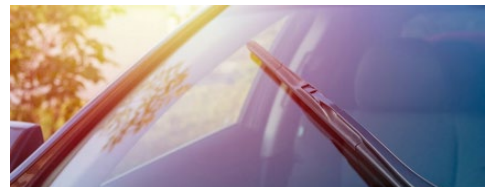
Chassis Tubing



Roll Cages



Head Ports



Windshields

Product Features

Model	R9
Display Mode	
Material thickness digits display	■
Measurement Range	PE: 0.63 - 914.4mm PE (Cast): 1.27 - 38.1mm
Resolution	0.01mm
Velocity Range	305 - 18,542m/s
Additional Features	
High Speed Scan	100 readings per second
Calibration Options	
1 - point	■
2 - point	■
Transducer Probe Type	Dual Element
Transducer Frequency Range	1 - 10MHz
V-path / dual path error correction	Automatic
Probe Zero	Manual (via integrated probe disk)
Display	12.7mm high digits
Units (selectable)	mm
LED Backlight	on/off/auto
Repeatability / Stability Indicator	■

Technical Specifications

Part Number	Description
Z-309-0002	Dakota R9 Sonic Tester (PR-9)
Operating Temperature	-30 to 75°C
Power Supply	2 x AA batteries
Battery Life	Alkaline – 45 hrs and Nicad – 23 hrs
Gauge Weight	312g - including batteries
Gauge Dimensions	63.5 x 131 x 31.5mm

Packing List

Dakota R9 Sonic Tester (PR-9)
Standard Transducer
Couplant
Manual
Plastic Carrying Case
AA Batteries

Part Numbers

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