


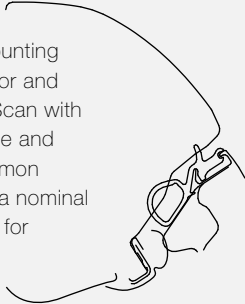

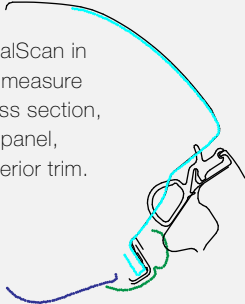

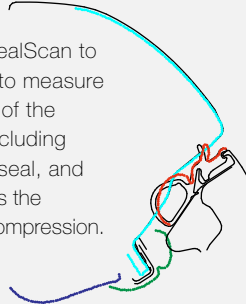


SEALSCAN

MEASURES THE 2D CROSS SECTIONS OF DOOR SEALS, SEAL GAPS, BUMPER COMPRESSION, AND MATING SURFACES



★ Why SealScan Is An Innovation

Step 1	Step 2	Step 3
 <p>First install the mounting bases on both door and body. Place SealScan with each end in a base and establish the common reference. Import a nominal section from CAD for comparison.</p> 	 <p>Now move the SealScan in the first base and measure the body-side cross section, including the roof panel, body seal, and interior trim.</p> 	 <p>Next, move the SealScan to the second base to measure the cross section of the door assembly, including door frame, door seal, and trim. Finally, assess the interference and compression.</p> 

★ TECHNOLOGY

- Capture seal geometry in 15 minutes on any vehicle without need for disassembly
- Compact and lightweight laser scanning system for accurate 2 measurements
- Patented interchangeable base for alignment and measurement procedures
- Universal mounting base adapting to any shape or material
- Adaptive laser control for uncooperative surfaces
- Wireless communication and operation
- Non-Destructive, no need to remove seals or trim to measure seal gap

🔧 SPECIFICATIONS

Volume	715 mm (Radius)
Laser Range	25 - 50 mm (Class 2)
Accuracy	< 0.2 mm
Temperature Range	0 - 30° C
Weight of SealScan	2 kg
Weight of Base (with battery)	2.5 kg
Battery	10.5V

✔ SEAL GAP MEASUREMENT

- Seal Dimensions: Seal Diameter, shape, thickness, angle...
- Seal Placement with respect to body or door panels
- Door panel position relative to body: in/outboard, up/down
- Trim part placement and shape

Other Applications:

- Cross Section of parts or assemblies
- Bumper compression on tailgates, trunks, or doors
- Tire Section: mobile solution to monitor for wear and tear
- Panels flushness and alignment
- Flaps or control surface alignment and range
- Sunroof fittings

+ SOFTWARE FEATURES

- Import nominal CAD sections for comparison
- Real-time measurement and visualization of cross-sections
- Point cloud-based measurement
- Digitally align, mirror, rotate, translate data
- Construction of splines, lines, and circles
- Obtain distances, angles, radii, and overlaps
- Optional interface to third-party inspection or scan software