



SEALSCAN

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





★ TECHNOLOGY

- Compact and lightweight 2D scanning system that provides fast and accurate measurements of mating surface cross sections
- Nondestructive: No need to remove seals or trim to measure seal gap
- Captures shape and location of seals, trim and body—individually or as an assembly
- Creates and reports an easy-to-analyze 2D image of the cross sections with dimensions
- Fast and simple measurement procedure

+ FEATURES

- Easy to use 2D software
- Point cloud-based-measurement
- Construction of splines, lines, and circles
- Obtain distances, angles, radii, and overlaps
- Real-time capture of cross-sections for mating surfaces
- Digitally align, mirror, rotate, and adjust offsets for mating surfaces
- Import nominal CAD sections
- Optional interface to third-party inspection or scan software

✓ COMPONENTS

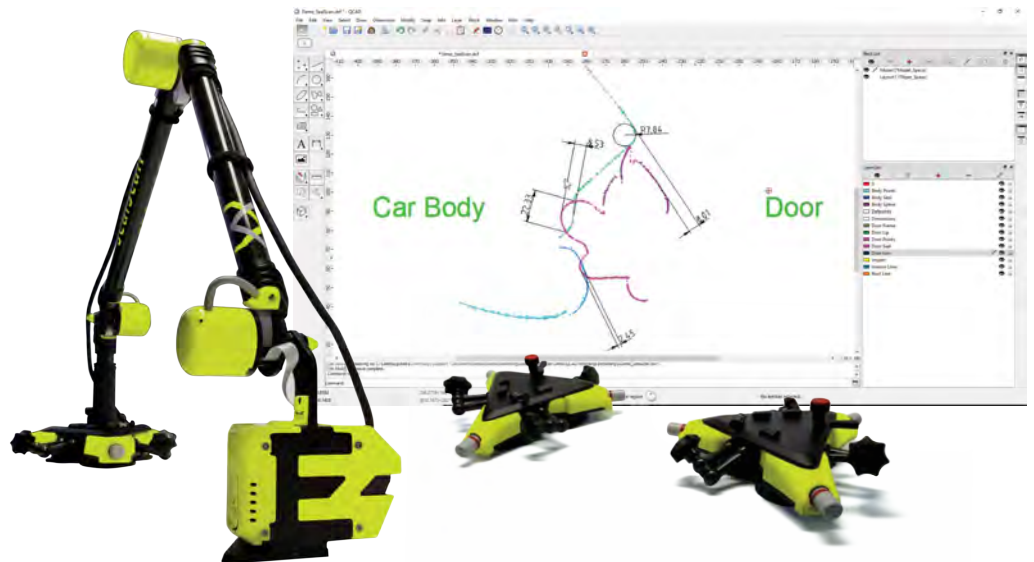
- Universal mounting solution for aluminum, steel, plastic or glass structures
- 3-axis system for planar scanning
- High performance laser scanner for non-contact shape measurements
- Separate laser control for uncooperative surfaces
- Patented, interchangeable base for referencing and alignment procedures

⊞ APPLICATIONS

- Cross-sectional Analysis
- Tire Section
- Long Section over Metal Trim
- Assemblies for Flush and Gap

🔧 SPECIFICATIONS

Measurement Volume	Up to 1100 mm
Laser Range	80 ± 15 mm
Accuracy	< 0.2 mm
Temperature Range	0 - 30° C
Arm and Laser	6 kg
Base	1.2 kg
Weight	0.6 kg



⊞ OPERATIONAL STEPS

1. Install base A on body
2. Install base B on door
3. Take reference between A & B using the arm
4. Scan body side section from Base A
5. Scan door side section from Base B
6. View auto-aligned cross section in 2D