



\*Lift is shown only, lift is not included

# WA913

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## Wireless Touchless Wheel Aligner



Scan for more information

WA913 is a touchless wheel aligner which adopts technology of laser image recognition processing and three-dimensional measurement to perform wheel alignment on vehicles.



Touchless, wear-free



Three-dimensional measurement, more precise



Simple operation, no need to push the vehicle



Magnetic suction design, installation-free



Wireless communication



\*Lift is shown only, lift is not included

### Features

1. Touchless, not install wheel clamps and targets. Zero damage to wheel hub.
2. The industry's first magnetic design, ready to use out of the box, no assembly or wiring required; Factory calibration-free.
3. Simple, efficient and no vehicle-push required. Generate wheel alignment test result within 30 seconds.
4. Compatible with multiple platforms and can be adapted to big scissor lifts and four post lifts.
5. Work with ST13 intelligent terminal to display testing process and result. Convenient to adjust vehicle as well.
6. Equipped with large-capacity removable battery. It is safer not to connect power during whole wheel alignment process.

### Functions

- 1. Four-wheel alignment measurement:** It supports standard measurement and quick measurement and can measure key parameters such as toe, camber, caster, kingpin inclination, and thrust angle. Supports additional measurements such as wheel base, wheel track, axle offset, wheel offset, diagonal, center offset, etc.
- 2. Vehicle model database:** Covers four-wheel alignment data for 50,000+ models around the world and supports user customization.
- 3. Terminal wireless connection:** The measurement data is transmitted wirelessly and paired with the ST13 intelligent link terminal to display the four-wheel alignment process.
- 4. Test report:** Generate professional testing reports, support data comparison before and after training, and support report sharing.
- 5. Multi-platform compatible:** Can be adapted to big scissor lift and four post lift.
- 6. Charging base:** Equipped with two charging bases, which combine charging and storage.

### Parameters

#### Supported Vehicle Specifications

Wheel Base 2150~3700mm      Wheel Track 1430~1900mm

Wheel Diameter 590~880mm      Tire Width 165~325mm

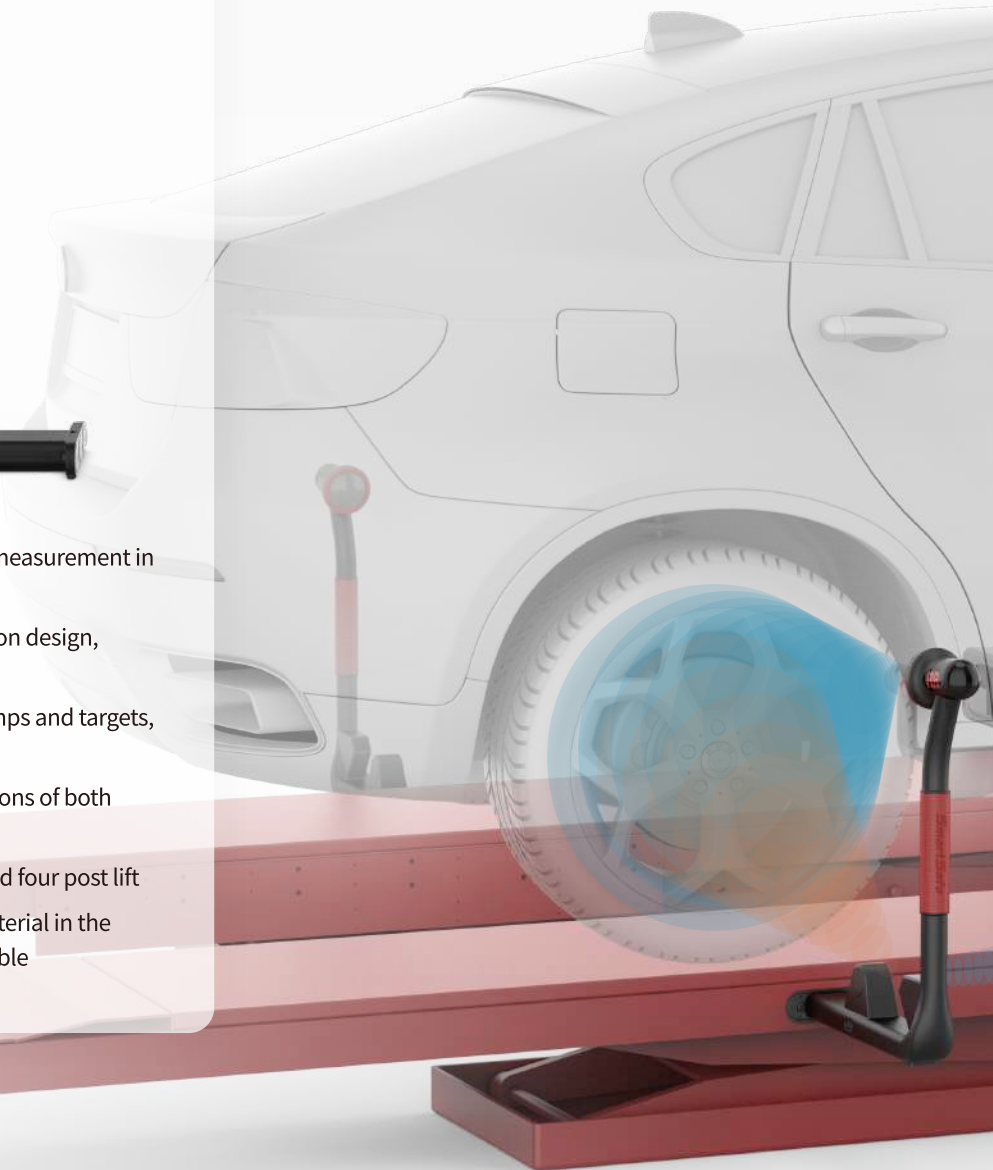
Measurement Accuracy & Range	Measurement Range	Measurement Error
Total Toe	±20°	±0.08°
Toe	±10°	±0.04°
Camber	±10°	±0.04°
Caster	±20°	±0.1°
Kingpin Inclination	±20°	±0.1°
Thrust Angle	±5°	±0.04°

Measurement Accuracy & Range	Measurement Range	Measurement Error
Flinch Angle	±5°	±0.04°
Axis offset	/	±2mm
Wheel offset	/	±2mm
Wheel Track	1900mm	±2mm
Wheel Base	3700mm	±2mm

## Measurement Unit



- Complete wheel alignment measurement in 30 seconds, display results
- Industry-first magnetic suction design, convenient and user-friendly
- No need to install wheel clamps and targets, zero wear to wheel hub
- The charging base has functions of both charging and storage
- Suitable for big scissor lift and four post lift
- The first to use metalloid material in the industry, lightweight and durable



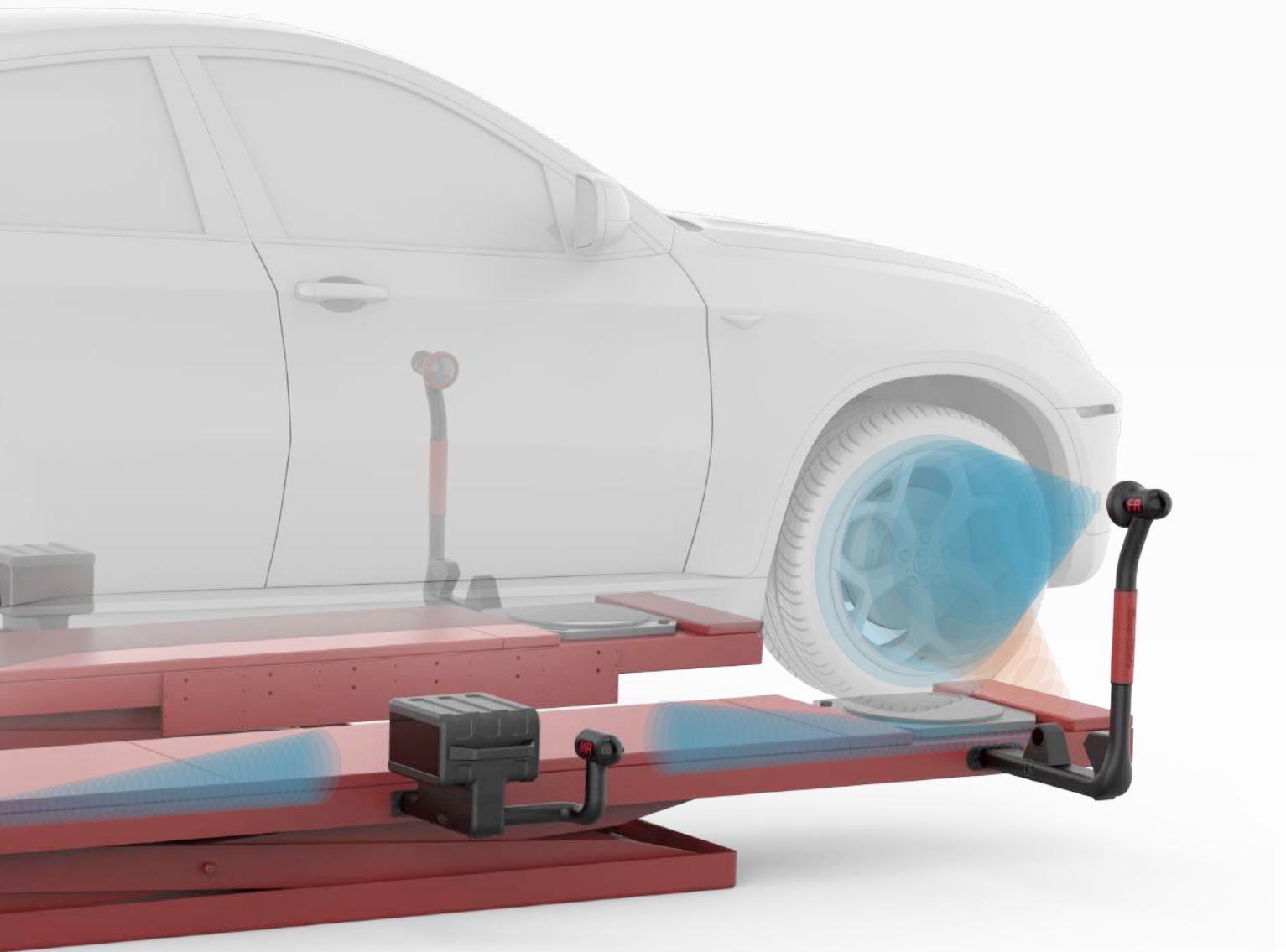
Using three-dimensional laser image processing technology



High-precision 5 million pixels industrial camera



Industry's first magnetic design solution



The charging base has both charging and storage functions



Suitable for scissor lift and 4 post lift



Wireless networking, connect to ST13 to display the measurement process and results