



WA613

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Magnetic Wireless 3D Wheel Aligner



Scan for more information

WA613 is the industry's first magnetic wireless 3D wheel aligner, ready to use right out of the box with no assembly or calibration required.



Instant experience, ready to use out of the box, no assembly or calibration required



Providing more services and value in a smaller space



Lightweight design, smaller packaging and lower shipping costs



Proprietary patented product solution for more accurate measurements



*Lift is shown only, lift is not included

Features

1. Industry's first magnetic measuring unit: no assembly or wiring required, no calibration required, ready to use right out of the box;
2. Original wheel clamp design: light weight, easier to operate, easy to carry and use;
3. Lower site requirements: Abandoning beams and cabinets reduces site space requirements and costs;
4. Small packaging for the whole machine: Lightweight product design greatly reduces packaging weight and size. The transportation weight and volume are only 20%-30% of traditional 3D wheel aligners;
5. Wireless transmission: Used with the ST13 intelligent connection terminal to display measurement results and processes, and also facilitates undercarriage adjustments;
6. Mobile App Compatibility: The device can be paired with a smartphone app for real-time connectivity. Users can remotely monitor device operational status and performance data, enhancing convenience and remote monitoring capabilities.

Functions

- 1. Four-wheel alignment measurement:** 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 wheelbase, wheel track, axle offset, wheel offset, diagonal, center offset, etc.
- 2. Vehicle type database:** Covers the four-wheel alignment data of more than 50,000 models worldwide and supports user customization.
- 3. Terminal wireless connection:** Measurement data is transmitted wirelessly, and the four-wheel alignment process is displayed when paired with the ST13 intelligent connection terminal.
- 4. Test report:** Generate professional test reports, support data comparison before and after adjustment, and support report sharing.
- 5. No need to modify the lift:** The calibration unit is directly magnetically attached to the lift, eliminating the need for any processing on the lift. It is suitable for large scissor lifts and four-post lifts.

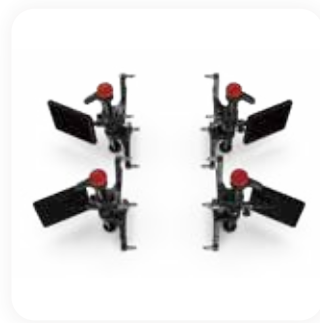
Parameters

Toe-in	$\pm 20^\circ$	Maximum steering angle	$\pm 35^\circ$
Inclination	$\pm 10^\circ$	Wheel Base	1940~4600mm
Caster	$\pm 10^\circ$	Wheel Track	1290~1900mm
Camber	$\pm 20^\circ$	Hub diameter (four-point hub clamp)	275~640mm
Tire diameter (three-point tire clamp)	470~1100mm		

Product composition



Measuring unit
(One for left / one for right)



Four-point wheel hub clamp kit



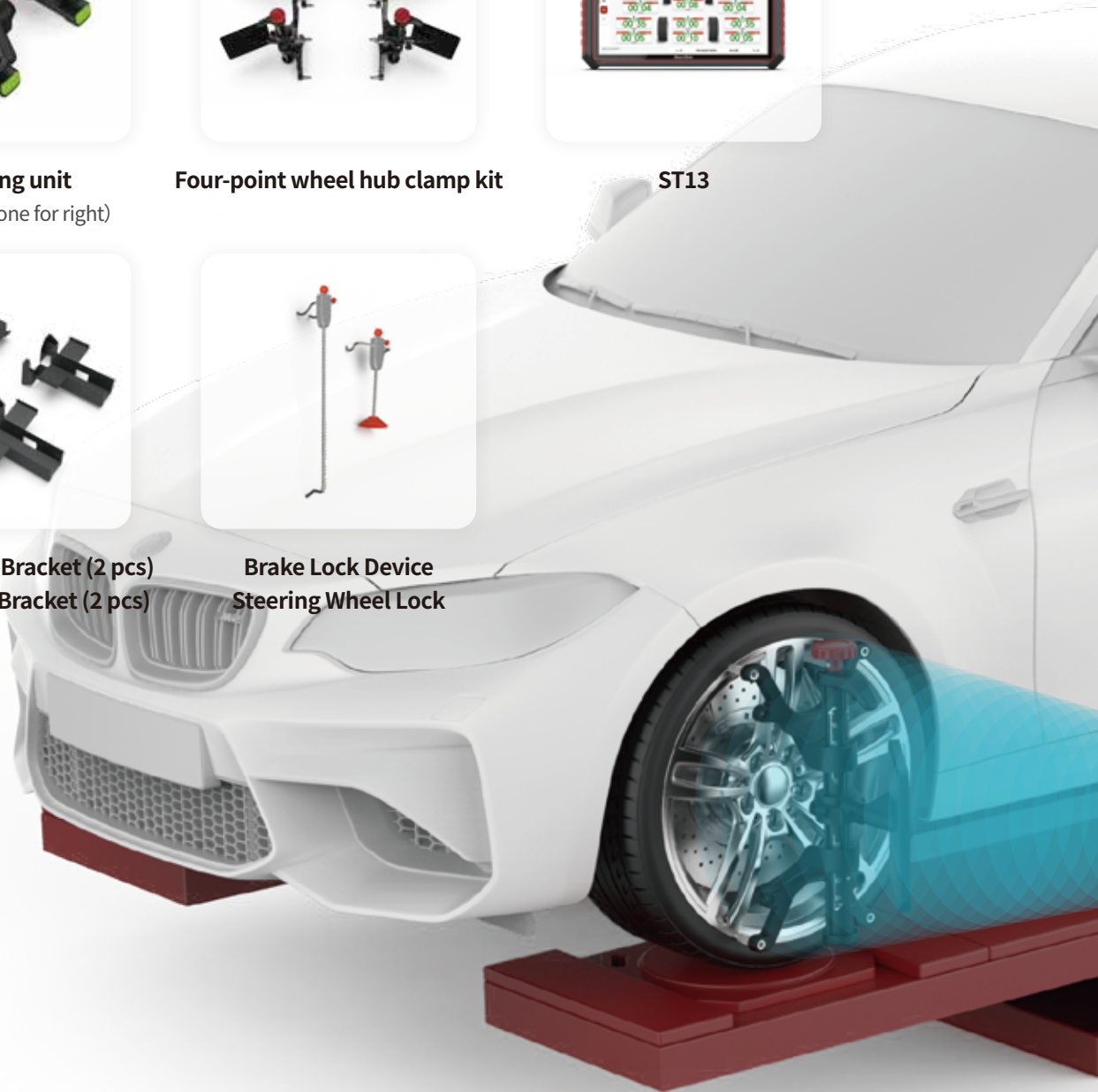
ST13



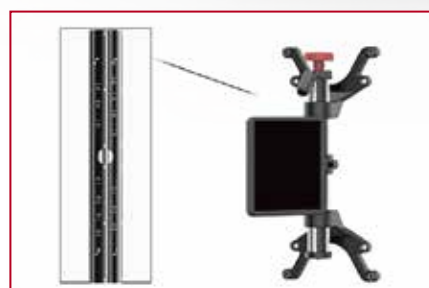
Measuring Unit Bracket (2 pcs)
4 Points Clamp Bracket (2 pcs)



Brake Lock Device
Steering Wheel Lock



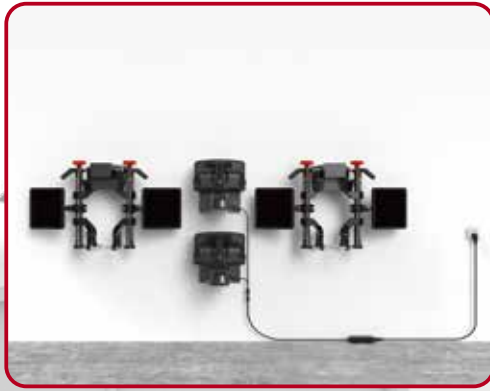
Fast output of high-precision four-wheel alignment report



The wheel clamp axle comes with a scale, and the wheel clamp can be pre-adjusted according to the tire diameter.



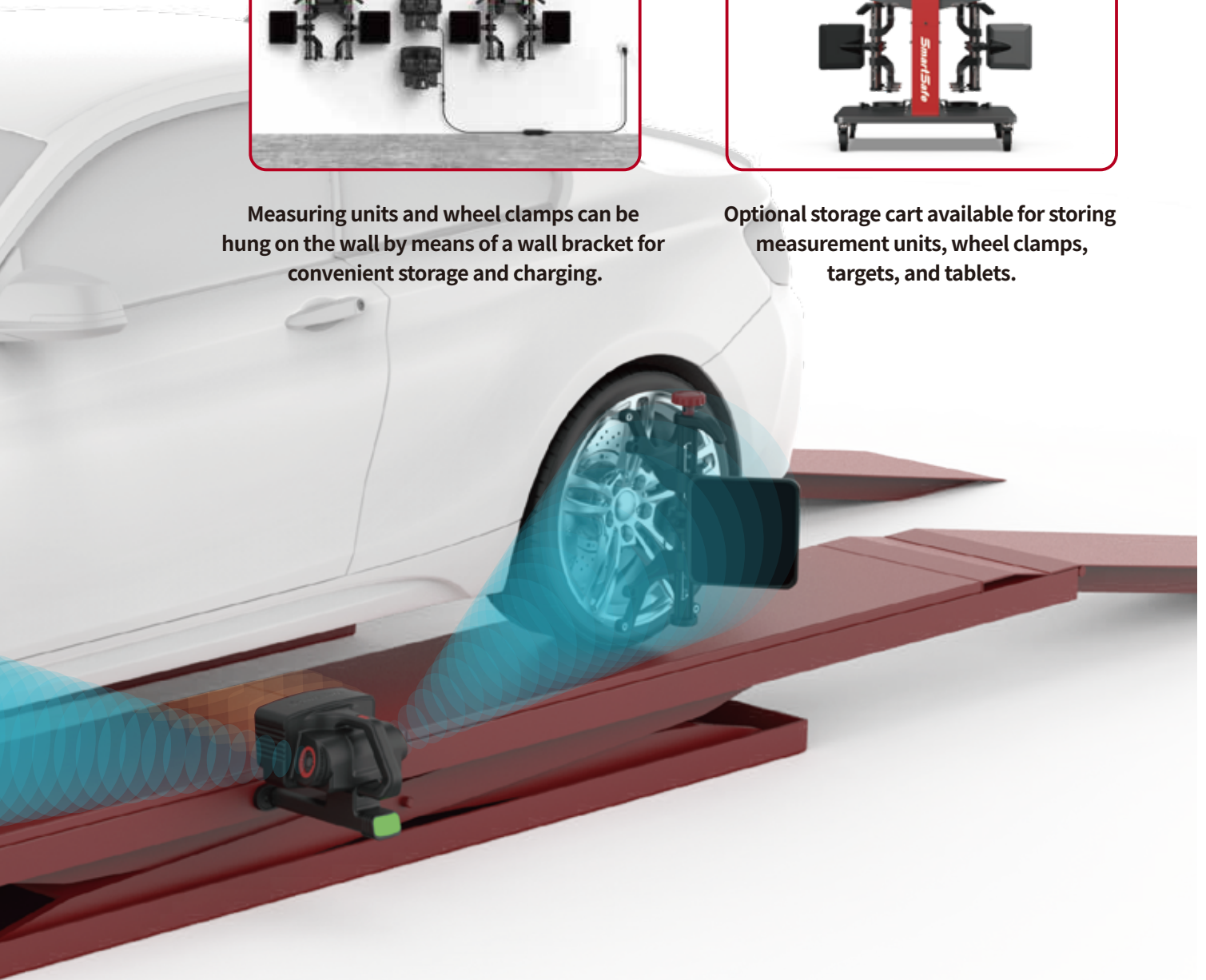
Magnetic measuring unit, no installation required.



Measuring units and wheel clamps can be hung on the wall by means of a wall bracket for convenient storage and charging.



Optional storage cart available for storing measurement units, wheel clamps, targets, and tablets.



No installation, no debugging, ready to use, save service and time.



Compatible with large scissor lifts and four-post lifts.



Wireless networking, connected to ST13 to display measurement process and results.



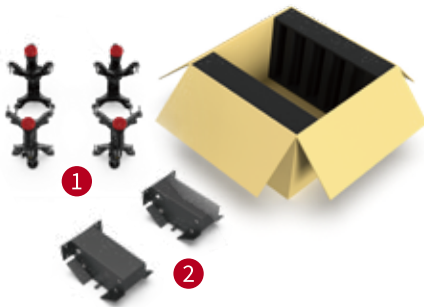
WA613 Measuring unit casing

No.	Accessories	Quantity
1	Measuring unit	2
2	Power adapter	1



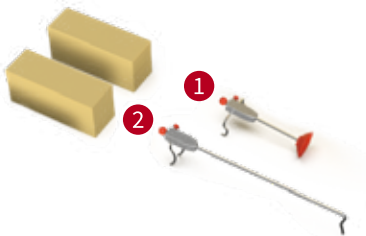
WA613 Accessory box

No.	Accessories	Quantity
1	Clamp Target	4
2	Measuring Unit Bracket	2
3	ST13 Intelligent Link Terminal	1
4	Password Envelope	1
	Soft cloth	1
	Quick Reference Guide	1
	User Manual	1
	Packing List	1



WA613 four-point wheel clamp package

No.	Accessories	Quantity
1	Four-point Wheel Hub Clamp	4
2	Four-point Clamp Bracket	2



WA613 Auxiliary toolbox

No.	Accessories	Quantity
1	Steering wheel lock	1
2	Brake Lock Device	1



WA613 Auxiliary toolbox (optional)

No.	Accessories	Quantity
1	Tire angle plate	2
2	Tire wedge	2
3	Tire transition block	2