



**WA613F**

# WA613F

## Ground-based Wireless 3D Four-wheel Aligner

WA613F is a ground-based wireless 3D four-wheel aligner for car repair gutter, consisting of two ground-based measurement units, four wheel clamp targets, and a tablet terminal.



**Instant experience, ready to use out of the box**



**Measuring unit can be placed on the ground for measurement without installation**



**No beams and cabinets required, small footprint**



**Patented four-point hub wheel clamp, wheel clamp axle with scale**



### Features

1. Instant experience: no installation, no wiring, no calibration required, ready to use right out of the box.
2. Space-saving: No need to install beams and cabinets, requiring less space.
3. Quick measurement: Outputs high-precision four-wheel alignment results within 30 seconds.
4. Patented magnesium alloy single axle wheel clamp, lightweight and labor-saving, strong and durable. The wheel clamp axle comes with a scale, and the wheel clamp can be pre-adjusted according to the tire diameter.
5. Magnetic measurement units: no assembly or wiring required, free to go, no calibration required, ready to use out of the box.
6. Wireless transmission: With ST13 intelligent connection terminal to display measurement results and process, and facilitate vehicle bottom adjustment
7. Compact packaging: Lightweight design and materials significantly reduce packaging weight and size, with transport weight and volume only 20%-30% of traditional 3D four-wheel alignment machines.
8. Perfect for car repair gutter: Two measuring units can be placed on the ground for four-wheel alignment measurements, perfect for car repair gutter.
9. Wall-mounted storage: wheel clamps can be hung on the wall by means of a wall bracket for convenient storage .

### 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 wheelbase, wheel track, axle offset, wheel offset, diagonal, center offset, etc.
2. **Database:** Supports positioning data of 50,000+ global vehicle models, and supports user-defined database.
3. **Terminal wireless connection:** Measurement data is transmitted wirelessly, and the four-wheel alignment process is displayed 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. **Perfect for car repair gutter:** Two measuring units can be placed on the ground for four-wheel alignment measurements, perfect for car repair gutter.

### Parameters

Toe-in	±20°	Maximum steering angle	±35°
Camber	±10°	Wheel Base	1940~4600mm
Caster	±20°	Wheel Track	1290~1900mm
SAI	±20°	Wheel Diameter (4-point wheel hub clamp)	275~640mm

## Product composition



**Measuring unit**  
(One for left / one for right)



**Four-point wheel hub clamp kit**



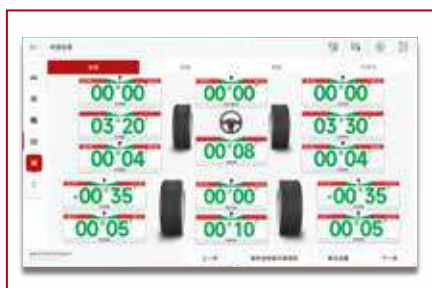
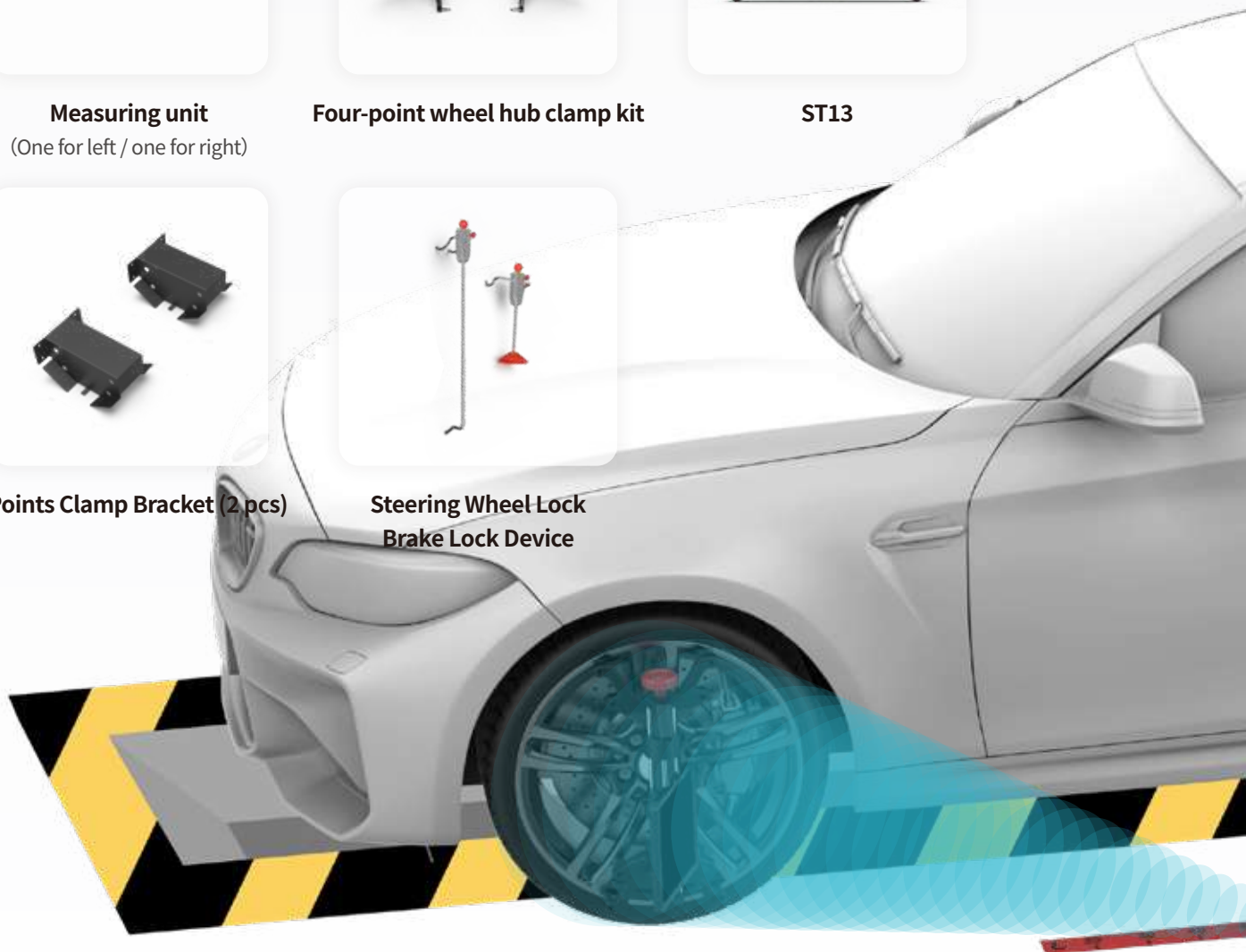
**ST13**



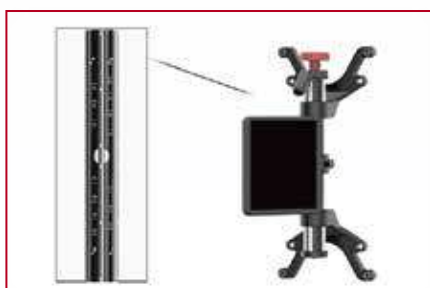
**4 Points Clamp Bracket (2 pcs)**



**Steering Wheel Lock  
Brake Lock Device**



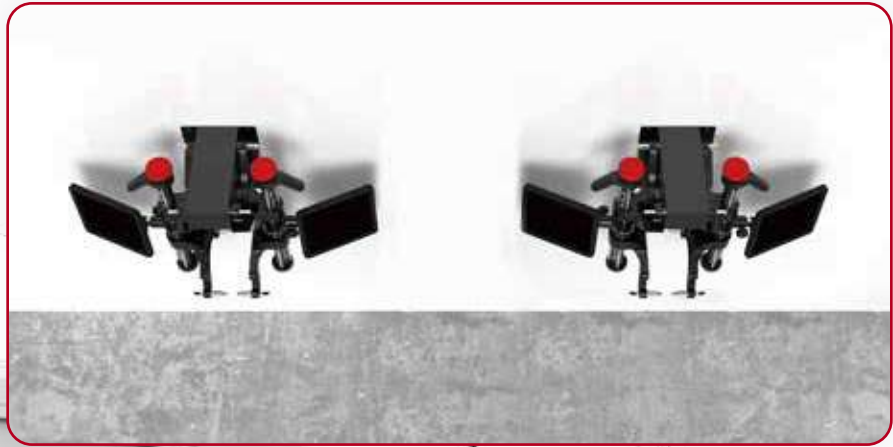
Fast output of high-precision four-wheel alignment report



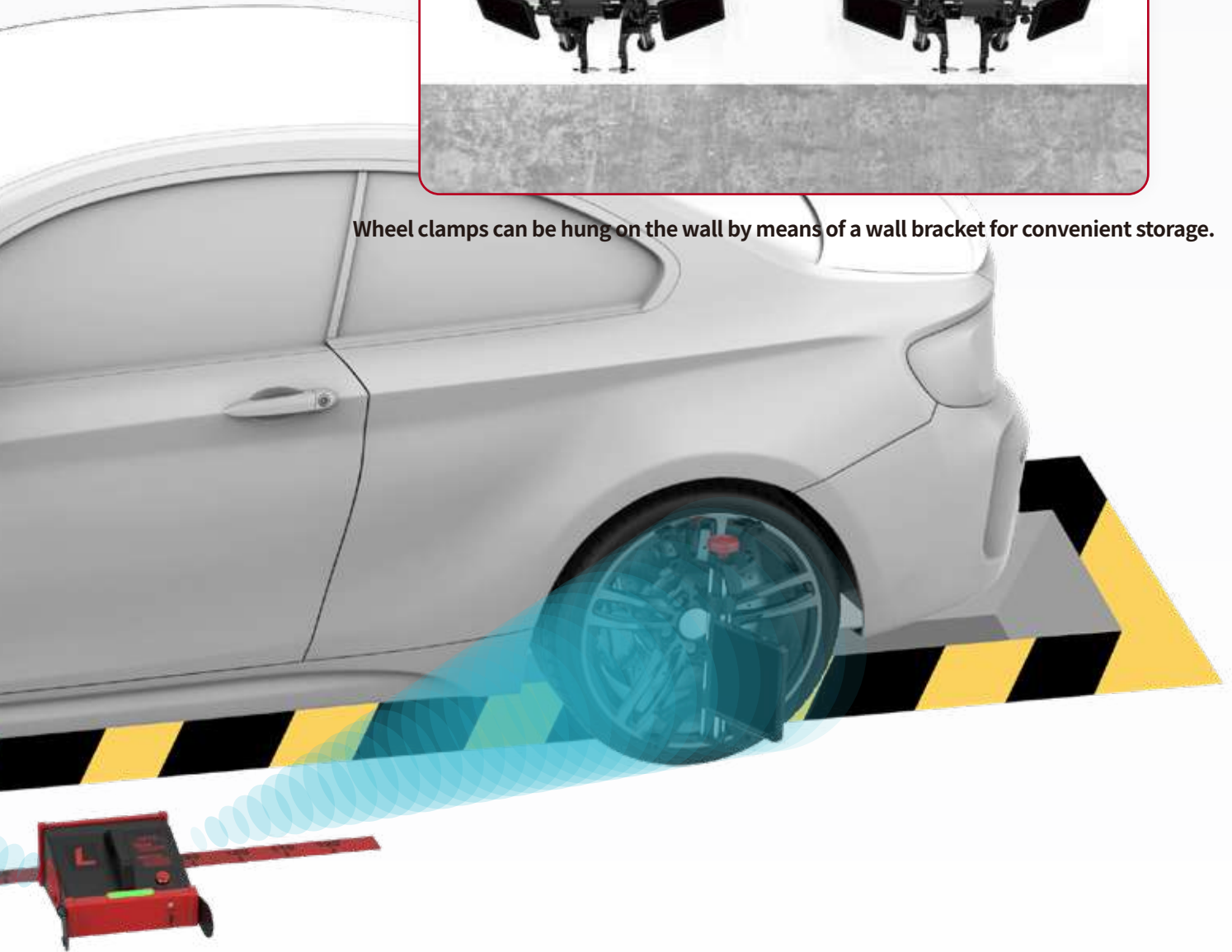
The wheel clamp axle comes with a scale, and the wheel clamp can be pre-adjusted according to the tire diameter.



Measuring unit can be placed on the ground for measurement without installation



Wheel clamps can be hung on the wall by means of a wall bracket for convenient storage.



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



Perfect for car repair gutter, Two measuring units can be placed on the ground for four-wheel alignment measurements



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



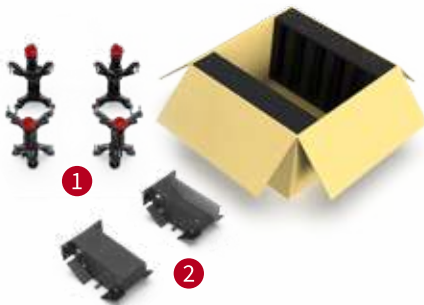
### **WA613F Measuring unit casing**

No.	Accessories	Quantity
1	Measuring unit	2
2	Power adapter	2
<b>Dimensions: 700X450X300mm</b>		



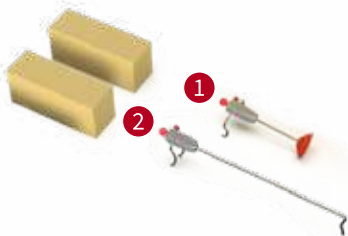
### **WA613F Accessory box**

No.	Accessories	Quantity
1	Target	4
2	ST13 Tablet	1
3	Password seal	1
	Screen cleaning cloth	1
	Quick start guide	1
	Manual	1
	Packing list	1
<b>Dimensions: 700X218X300mm</b>		



### **WA613F four-point wheel clamp package**

No.	Accessories	Quantity
1	Four-point Wheel Hub Clamp	4
2	Four-point Clamp Bracket	2
<b>Dimensions: 864X700X385mm</b>		



### **WA613F Auxiliary toolbox**

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



### **WA613F Auxiliary toolbox (optional)**

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