

2. Wheel Aligners



WHEEL ALIGNMENT

CCD-525



CCD-725



KWA-300



KWA-825



Features

- 8 CCD image sensors
- Special filter prevents sunbeam obstacles during measurement
- Functions to save customer's data to USB
- Show the simulation of adjustment by 3D dynamic image
- Self-diagnosis program

Features

- Camera with high-performance IP type.
- Perfect wireless type.
- Adjustment up/down angle of camera.
- Target applied tempered glass.
- Non-required zero-adjustment periodically.
- Low maintenance costs.
- Application rolling runout.
- Reduce working time than conventional.
- Adjustment turntable height.
- Console with soft design.

Model	CCD-525	CCD-725	KWA-300	KWA-825
Computer system	Intel Pentium4	Intel Pentium4	Intel Pentium 4	Intel Pentium 4
Sensor/Camera	4Heads, 8 CCD image sensor	4Heads, 8 CCD image sensor	4 Heads Infrared, 8 sensors(CCD)	4 Target detect camera
Operating system	Windows XP	Windows XP	Windows XP	Windows 7 or Higher
Monitor	17" LCD monitor	19" LCD monitor	19" LCD monitor	19" LCD monitor
Printing device	Desk jet printer	Desk jet printer	Desk jet printer	Desk jet printer
Wheel clamps	11" - 22" (Optional 24" adapter)	11" - 22" (Optional 24" adapter)	28" - 30"	
Measuring range (precision)	Setback	±2.0° (0.01°)	±2.0° (0.01°)	±2.0° (0.01°)
	Toe	±50mm (0.01°)	±50mm (0.01°)	±50mm (0.01°)
	Caster	±18.0° (0.02°)	±18.0° (0.02°)	±18.0° (0.02°)
	Camber	±8.0° (0.02°)	±8.0° (0.02°)	±8.0° (0.02°)
Transmission way	Both wires or wireless communication	Both wires or wireless communication	4HEAD cable mode	High precision camera
Rated voltage	100 - 240v, 50/60Hz	100 - 240v, 50/60Hz	100-240V, 50/60Hz	100-240V, 50/60Hz
Rated Power	250W	250W	250W	250W
Size	660(L) X 1200(W) X 1,470(H) mm	660(L) X 1200(W) X 1,470(H) mm	660(L) X 660(W) X 1,070(H) mm	660(L) X 660(W) X 1,120(H) mm

The manufacture reserves the right to change the product specifications without notice and liability in order to upgrade the quality.

3D WHEEL ALIGNMENT EQUIPMENT

Features

- Measurement technology of 3D image capture
- 4 high-precision camera with 5 million pixels
- Automatic track targets by turning cameras
- With voice navigation and remote-control
- Laser calibration function. Only one time calibration for initial installation
- Unique magic eye broadening the camera horizon and enabling long wheel track and wheel base alignment.
- No effects on horizontal status of lift
- Auxiliary LCD monitor (22" LCD) can be mounted (separate option)

Specification

Model	KWA-800
Display	22" LCD wide monitor
Control type	32 bit microprocessor
Clamp	Can measure 12 ~ 22"
Measurement accuracy	0.02° / 1"
Measurement type	3 D image capture measurement
Calibration angle	±5°
Dimension	3100 x 550 x 2700 mm
Power Supply	220V, 50 / 60 Hz

KWA-800



KWA-580

For Passenger Vehicle



KWA-180

For Commercial Vehicle



Features

- 8 beam infrared CCD image recognition and measurement technology
- New generation "Zigbee" wireless communication technology for replacing outdated Bluetooth technology

Specification

Model	KWA580	KWA180
Sensor	8 beam infrared CCD	6 sensors with touch-key, Infrared CCD
Wheel size	11" - 25"	11" - 29"
Measuring accurate	Setback ±0.016 °	Setback ±0.016 °
	Toe ±0.016 °	Toe ±0.016 °
	Caster ±0.032 °	Caster ±0.032 °
Measuring range	Camber ±0.016 °	Camber ±0.016 °
	Setback: ±10 °	Setback: ±10 °
	Toe: ±24°	Toe: ±24°
	Caster: ±20°	Caster: ±20°
	Camber: ±10°	Camber: ±10°
Power supply	100~240V, 50~60Hz	220V ±10%, 50/60Hz
Size	1020 x 700 x 1490mm	1060 x 1130 x 1515mm
Packing size	950 x 1140 x 1100mm	800 x 1140 x 760mm

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