CE QUALITY P0756 No.L1062 ISO9001:2000

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To meet Ceegos, 20 years experience of European style products in garage equipment field. Ceegos is a brand hold by Kwingtone .

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To meet Ceegos, 20 years experience of friendly European style products in garage equipment field. Ceegos is a brand hold by Kwingtone Auto Engineering Ltd.
Our professional makes you easy to buy and use Ceegos products.
The mission of Ceegos is to meet your requirements.
The aim of Ceegos is to individuate your products, hold excellent quality and services.
Bring Ceegos your demand, take back the real.
Bring Ceegos your ideas, our R&D sends your design.
Sit in front of your computer, Ceegos connects QC inspection to your table.
Keep your warehouse be empty, Ceegos links the logistics to your door.

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KT-WA-G58

Computerized Wheel Aligner

For passenger cars and light commercial vehicles

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Standout Features:

- Eight camera CCD technology provides instantaneous 360 degree measuring of toe-in, camber, caster, steering axle inclination (SAI), set-back, thrust angle, wheelbase difference and track width difference, etc.;
- Geometric centerline and thrust line measuring principle ensures perfect measuring and adjustment results;
- High-precision CCD image sensor and inclinometer technology guarantees high measuring resolution;
- 2.4GHZ high-frequency wireless Zigbee communication mode with merits of low energy consumption, great transmission capacity and reliable transmission stability;
- Dedicated wireless network under Windows platform, free networking. Extendable ports for devices such as remote measuring system, PDA and simulator, etc.;
- Full-system distributed multi-language operation platform. Technicians may set up (download) operating language, measuring unit or resolution from the host;
- Periodically updated database containing over 20,000 latest domestic and overseas vehicle data with easy fuzzy query function;
- Full-system internal self-detection, self-diagnostics and one-key recovery self-repairing;
- With two modes of systematical self-calibration function: uniform system calibration and individual sensor calibration;
- Hierarchical operation management cooperating with self-repairing function limits and repairs unauthorized error operation;
- Rechargeable battery powered secondary network device automatically replaces computer host to manage the whole system in case of power failure.
- Equipped with auxiliary LCD screen on control cabinet displaying system working status in real time;
- Adopts personalized, humanized and intelligent operation control system with simple and sensitive touch-key buttons. Photosensitive backlight control LCD indicating remaining battery capacity and communication signal;
- High-speed measurement and effective stable data transmission; Individual, high-speed and stable operation for several alignment systems under the same network frequency;
- Environment adaptive designed optical measuring system adapts to maximum working environment even in sun-exposed alignment bay;
- Multi-language audio play, 3D animation operation navigation and built-in professional training course combining with simulator guides even less experienced technicians quickly and easily through the measurement process;
- Spoiler mode allows technicians to tilt the sensor head up or down to measure small rim vehicle or super-low chassis vehicle (No spoiler adaptors needed);

Standard Equipment:

1 Movable control cabinet with HP computer, 20" TFT monitor, key board, mouse, Canon color ink-jet printer
4 Measuring sensors with integrated inclinometer, accelerometer, electronic levelling device, high-resolution CCD image sensor, 2.4GHz high frequency Zigbee wireless communication module
4 Self-centering 4-point clamps with 12"-22" operating diameter, safety elastic band
1 Brake pedal depressor
1 Steering wheel holder
2 Mechanical Turntables
1 Charging cable
4 Feeding cables

Optional Equipment:

8809025 Self-centering 3-point clamps with 11"-21" operating diameter
8809068 Portable Display Assistant (PDA) provides technician with complete control while making adjustments to vehicle
8809066 Electronic turntables
8809033 Simulator guides even less experienced technicians quickly and easily through the measurement process
8809018 Calibration Kit
8809000 Remote measuring system for some vehicles which require axle inclination or chassis height

Technical Parameters:

- Temperature: -20℃--+70℃
- Relative Humidity: Less than 90%
- Power Supply:AC220/110 V±10%, 50 /60Hz
- Ambient Pressure: 70kPa106kPa。
- Battery Specification: 7.2V/3000mAH, NiMH
- Power Consumption of Sensors≤ 1. 5W
- Overall Power Consumption: ≤300W

ZigBee® Alliance
Wireless Control That Simply Works

■ Standard:

■ Optional:


8809068


8809033


8809025


8809018

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KT-WA-G58

Computerized Wheel Aligner

For passenger cars and light commercial vehicles

TECHNICAL INDEX			
Measurement		Precision	Measuring Range
Front	Toe	±1′	±12°
	Camber	±1′	±10°
	Caster	±2′	±20°
	Steering Axle Inclination	±2′	±20°
Rear	Set-Back	±1′	±10°
	Toe	±1′	±12°
	Camber	±1′	±10°
	Set-Back	±1′	±10°
	Thrust-Angle	±1′	±10°

Software and Database:

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Main Program Interface

Program Settings

Vehicle Database

Vehicle Data Customization

Front Wheel Adjustment

Individual Adjustment

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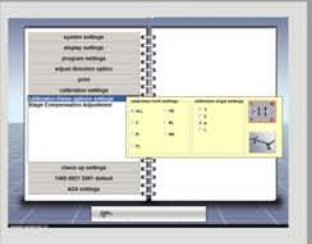
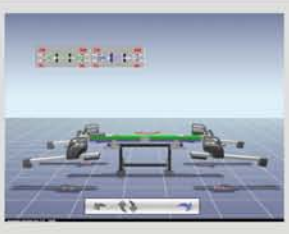


Calibration Settings

Pre-alignment Checklist



Sensor Calibration

Sensor Testing

Rim Compensation

King-pin Measurement

Total Adjustment

Rear Wheel Adjustment

Setback Adjustment

Max. Steering Angle Measurement

Constant Toe Curve Measurement

3D Animation Guidance

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KT-WA-T58

Computerized Wheel Aligner

For industrial vehicles

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Standout Features:

- Dedicated wireless network under Windows platform, free networking. Extendable ports for devices such as remote measuring system, PDA and simulator, etc.
- Full-system distributed multi-language operation platform. Technicians may set up (download) operating language, measuring unit and resolution from the host;
- Periodically updated database containing over 8,000 latest domestic and overseas industrial vehicle data with easy fuzzy query function;
- Full-system internal self-detection, self-diagnostics and one-key recovery self-repairing;
- With two modes of systematical self-calibration function: uniform system calibration and individual sensor calibration;
- Hierarchical operation management cooperating with self-repairing function limits and repairs unauthorized error operation;
- Rechargeab le battery powered secondary network device automatically replaces computer host to manage the whole system in case of power failure;
- Equipped with auxiliary LCD screen on control cabinet displaying system working status in real time;
- Adopts personalized, humanized and intelligent operation control system with simple and sensitive touch-key buttons. Photosensitive back-light control LCD screen indicating remaining battery capacity and communication signal;
- High-speed measurement and effective stable data transmission; Individual, high-speed and stable operation for several alignment systems under the same network frequency;
- Environment adaptive designed optical measuring system adapts to maximum working environment even in sun-exposed alignment bay;
- Multi-language audio play, 3D animation operation navigation and built-in professional training course combining with simulator guides even less experienced technicians quickly and easily through the measurement process;
- Spoiler mode allows technicians to tilt sensor heads up or down to measure small rim vehicle or super-low chassis vehicle (no spoiler adaptors needed);
- Flexible mobile control cabinet for convenience in limited alignment bay;
- Introduction of "Field" conception realizes full electronic measurement to industrial vehicles replying on gradient to take precise measurement of angles and displacement;
- Aplicable to over 30 different axle structures of trucks, trailers, semi-trailers and buses;
- Adopts geometric centerline and thrust line measuring principle;
- Extendable with electronic levelling device for measuring levelness of vehicle frame and axles and detecting physical damage to suspension system;
- Speical measuring tools for trailer to measure the axle distance, axle parallel and distance between axle and towing pin without dismounting the trailer.

Standard Equipment:

1 Control cabinet with HP computer, 22" TFT monitor, key board, mouse, Canon color ink-jet printer
4 Measuring sensors with integrated inclinometer, accelerometer, electronic levelling device, high-resolution CCD image sensor, 2.4GHz high-frequency Zigbee wireless communication module
4 Self-centering 4-point clamps with 14"-29" operating diameter, safety elastic band
1 Brake pedal depressor
1 Steering wheel holder
2 Mechanical turntables
1 Charging cable
4 Feeding cables

Optional Equipment:

8809026 Self-centering 3-point clamps with 14"-29" operating diameter
8809068 Portable Display Assistant (PDA) provides technician with complete control while making adjustments to vehicle
8809067 Electronic turntables
8809033 Simulator guides even less experienced technicians quickly and easily through the Measurement process
8809018 Calibration Kit
8809000 Remote measuring system for some vehicles which require axle inclination or chassis height

Technical Parameters:

- Temperature: -20℃--+70℃
- Relative Humidity: Less than 90%
- Power Supply:AC220/110 V±10%, 50 /60Hz
- Ambient Pressure: 70kPa106kPa。
- Battery Specification: 7.2V/3000mAH, NiMH
- Power Consumption of Sensors≤ 1. 5W
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Wireless Control That Simply Works

■ Standard:

■ Optional:

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Computerized Wheel Aligner

For industrial vehicles

TECHNICAL INDEX		
Measurement	Precision	Measuring Range
Toe	±1′	±12°
Camber	±1′	±10°
Caster	±2′	±20°
Steering Axle Inclination	±2′	±20°
Scrub	±1′	±10°

Software and Database:

KT-WA-T58

Computerized Wheel Aligner

For industrial vehicles

Main Program

Sensor Testing

Vehicle Selecti

Vehicle Adjust

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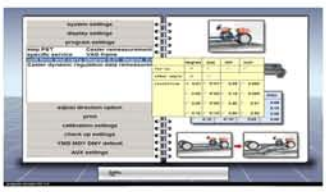
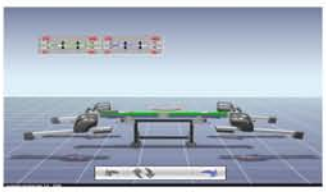
Interface



Program Settings

Calibration Settings



Sensor Calibration

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Pre-alignment Checklist

Vehicle Database

Vehicle Selection (Trucks)

on (Trailers)

Measuring Interface

King-pin Measurement

Rear Wheel Adjustment

ment (Trailers)

Vehicle Adjustment (Trucks)

Vehicle Adjustment (Trucks)

3D Animation Guidance

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Ceegos is committed to production innovation and improvement.
Therefore, specifications listed in this catalogue may change without prior notice.

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