

COMPUTERIZED WHEEL ALIGNER (CCD-RF)



Auto-One CCD wheel aligner is stable, accurate, low cost, and easy-to-maintain 8 CCD wheel aligner, specially designed for clients who need to expand their business. With featured zigbee wireless data transfer technology, Auto-One CCD is more Stable and advanced than bluetooth or 433MHz RF equipped wheel aligners.

Professional

- ▶ High accuracy
- ▶ 6 meter wheel base
- ▶ 8 toe sensors
- ▶ Fast & stable data transfer
- ▶ 24 inch clamps
- ▶ Super large databank

Affordable

- ▶ Best price/performance ratio

Flexible

- ▶ PC-free mode
- ▶ Automatic detect low chassis
- ▶ Interchangeable sensor heads
- ▶ Two wheel mode(Front)

Specification

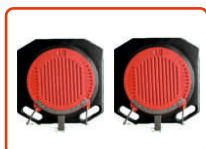
Item	Precision	Range
Front Total Toe-in	$\pm 4' (\pm 0.02^\circ)$	$\pm 20^\circ$
Camber	$\pm 2' (\pm 0.01^\circ)$	$\pm 20^\circ$
Caster	$\pm 6' (\pm 0.1^\circ)$	$\pm 20^\circ$
SAI/KPI	$\pm 6' (\pm 0.1^\circ)$	$\pm 20^\circ$
Setback	$\pm 2' (\pm 0.03^\circ)$	$\pm 5^\circ$
Thrust Angle	$\pm 2' (\pm 0.03^\circ)$	$\pm 6^\circ$

Note: The above accuracy can be confirmed only when the user follows the specified operation procedures as instructed in the user manual.

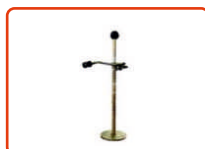
Requirements on Surroundings

Ambient Temperature - $20^\circ\text{C} \sim + 50^\circ\text{C}$
Relative Humidity $\leq 90\%$

Accessories



Turntable



Steering Wheel Holder

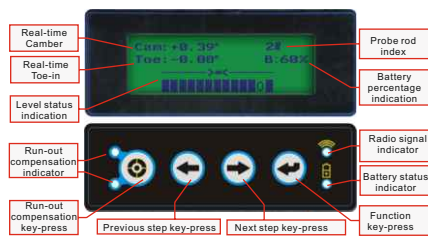


Break pedal depressor



24-inch wheel clamps

FEATURE



- ▶ Smart key
- ▶ LCD display
- ▶ Real-time toe-in, camber display
- ▶ Level indicator
- ▶ Battery percentage display
- ▶ Battery status indicator
- ▶ Low Battery warning light
- ▶ Radio signal status indicator



- ▶ 3600 line ccd, 8beam ccd infrared optical sensors with highest precision
- ▶ Sensors made in "FINLAND"



- ▶ Adjustment indicator on sensor head



- ▶ Calibration value backup in sensor heads
- ▶ Modularized structure, Components replaceable without calibration
- ▶ Zigbee wireless communication Technology

Available Model: exact100 for two wheel alignment system
exact400 for four wheel alignment system
exact4000H for Heavy Vehicles



- ▶ Quick measurement
- ▶ Standard measurement
- ▶ Extension measurement
- ▶ Turn angle measurement
- ▶ Customer database
- ▶ Low chassis auto-detect
- ▶ Lift platform compensation
- ▶ X-large database
- ▶ Adjustment reference database



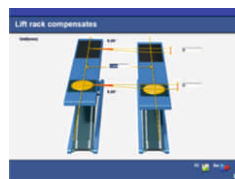
Zoom in function

- ▶ Enlargeable indication area helps to easily monitor of the data during adjustment



Animation & audio guide

- ▶ Instructed operation guide, help ease the pain of training.
- ▶ Audio guide ensure more



Lift rack compensation

- ▶ Scissor lifts and four post lift are not always balanced, lift rack compensation ensure the accuracy of alignment.



Easy Calibration

- ▶ Four steps required to perform calibration work, in less than 10 minutes.

*In view of our policy of continuous Research & Development on our product. Trinity Sales & Service reserve the right to alter specification or design without prior notice and liability.



TRINITY SALES & SERVICES

Admin & Works : Unit No 2, Nikisha Industrial Estate, Pandurang wadi, Behind Samrat Hotel, National Highway no 8, Near Dahisar Check Naka, Dist Thane - 400107, Maharashtra, India

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3D WHEEL ALIGNMENT SYSTEM

MODEL :- EXACT 3D



Feature



Reinforced lateral beam



Waterproof targets



Vehicle position auto adjustment



Super-large vehicle database



5.0M pixel japan imported cameras



1.2 Meter measure height range



Push vehicle compensation



Install-and-work! Do NOT need calibration.

Specification

Item	Precision	Range
Front Total Toe-in	$\pm 0.02^\circ$	$\pm 20^\circ$
Camber	$\pm 0.01^\circ$	$\pm 20^\circ$
Caster	$\pm 0.02^\circ$	$\pm 20^\circ$
SAI/KPI	$\pm 0.02^\circ$	$\pm 20^\circ$
Setback	$\pm 0.02^\circ$	$\pm 5^\circ$
Tread	$\pm 2\text{mm}$	
Wheelbase	$\pm 2\text{mm}$	

Note: The above accuracy can be confirmed only when the user follows the specified operation procedures as instructed in the user manual.

Requirements on Surroundings

Ambient Temperature - $20^\circ\text{C} \sim +50^\circ\text{C}$
Relative Humidity $\leq 90\%$



Auto-One 3D wheel aligner is stable, accurate, low cost, and easy-to-maintain 2 camera system wheel aligner. specially designed for clients who need to expand their business with high performance equipment requirement. This product has outstanding & unique features and the most advanced technology to ensure the growth of your company.

Auto-One 3D wheel aligner is a break through of the current 3D wheel alignment technology, suitable for car manufacturer workshops, Independent Workshops or tire service shops with a high amount of wheel alignments at an affordable cost.

Professional

- ▶ Dual camera system (imported from Japan)
- ▶ 32 inch TV monitor
- ▶ Dual-core CPU computer system
- ▶ Waterproof targets*
- ▶ 24 inch clamps
- ▶ Calibration Free*
- ▶ Up to 120cm lifting range
- ▶ Auto lift platform compensation
- ▶ Auto vehicle compensation
- ▶ Super-large vehicle database

Stable

- ▶ Reinforce structure of lateral beam to ensure accuracy in different temperature

Durable

- ▶ Waterproof targets
- ▶ Long life high-speed camera system

Affordable

- ▶ Camera interchangeable
- ▶ Free vehicle database update twice a year

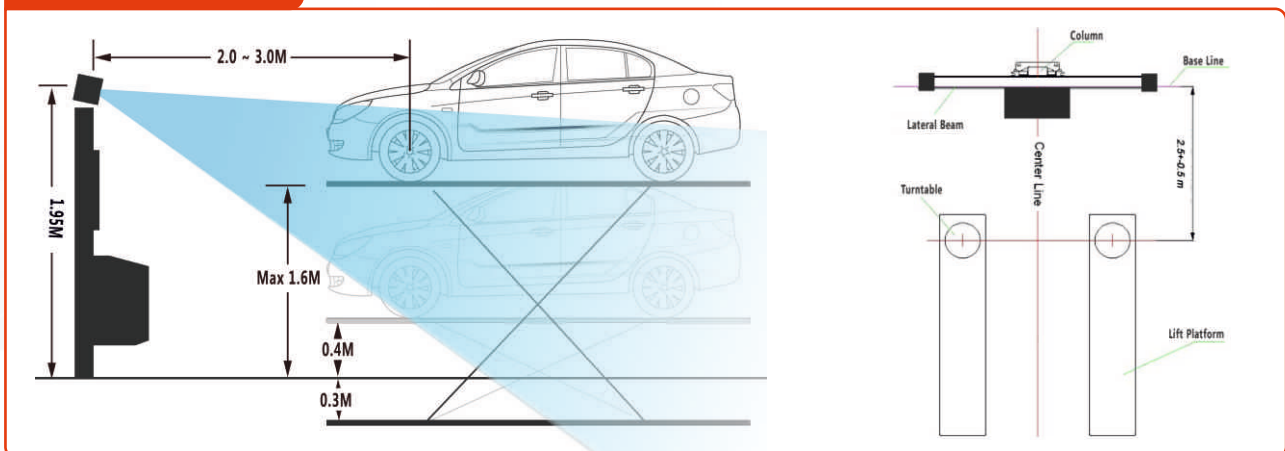
* Calibration Free

Calibration of the Auto-One 3D wheel aligner system is done in the factory, does not need onsite calibration on installation. This outstanding feature saves a lot of work and makes installation of the equipment very easy.

* Waterproof targets

The targets plates are well sealed to ensure and avoid any drop of water from entering the targets.

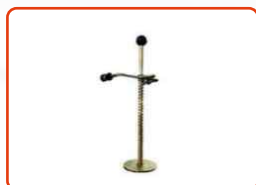
INSTALLATION



ACCESSORIES



Big size turntable



Steering Wheel Holder



Break pedal depressor



24-inch wheel clamps

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COMPUTERISED WHEEL ALIGNMENT (BLUETOOTH)

Model : AOE - 750

Autoone presents (AOE - 750), Wireless Computerised Wheel Alignment System, with DUAL DISPLAY and Rolling Run-Out to facilitate the technician to view the Alignment Readings easily and take Run-Out of Wheel without Jacking-Up the Vehicle.

FEATURES

- Windows XP Operating System.
- Dual Display Units.
- Rolling Run-Out of Wheels.
- Vehicle Specification - 30 years.
- Customer Management System.
- Multi-Language Support.
- Vehicle specification write program.
- Voice Announcement.
- Human - based design, easy & simple to handle.
- Integrated HELP system.
- 3-D Animations.
- Custom Database Back-up.
- Multiple Printer format.
- Multiple unit of measure.
- E-Z Toe.
- Total Jack-up (2-post lift useable)
- Camber Jack-up.
- Frozen Caster & SAI.
- Shim function.

SPECIAL FEATURES

- Fully Aluminium Body-Light in Weight - RUST FREE.
- Special Sensors with LCD Display available in all four Sensors.

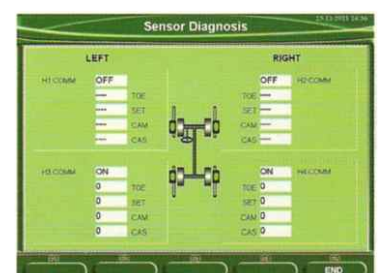
TECHNICAL SPECIFICATION

Measurement Sensor	: 8 Sensor type : Gravity & PSD Sensor with Height Quality Analysis
Communication	: Wireless (Bluetooth-RF Type)
Power Supply	: 220V Single Phase 60hz 400W
Measuring Head Power Supply	: 6V/3V
Battery life after recharging	: Minimum of six hours in case of wireless type
Measurement analysis	
Toe	: 0.1 mm
Camber	: 0.01°
Caster	: 0.01°
Max. Caster swing	
Toe-in/Toe-out angle	: 18°
Measurement Range	
Partial Toe	: ±3°
Overall Toe	: ±6°
Camber	: ±15°
Caster	: ±30°
King Pin	: ±30°
Thrust, Set-Back Angle	: ±3°
Wheel size range	: 12" ~ 17"
Wheel size range (Optional)	: 12" ~ 21"

Autoone is a leading manufacturer of computerised wheel alignment systems in India. We have a wide range of products to suit different budgets and requirements. Our products are known for their accuracy, reliability and ease of use.

Contact No. 0121-2841017/2841017, Fax: 0121-2841017

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MODEL : AOE-750

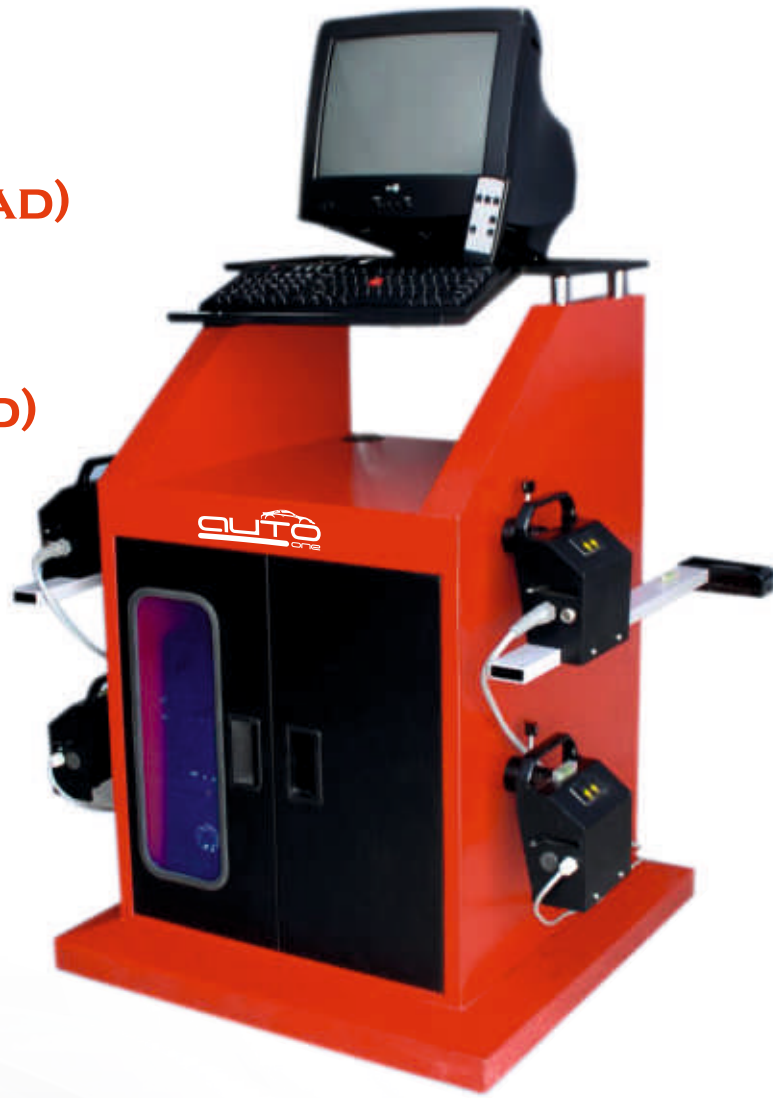
WHEEL ALIGNMENT MODEL ALIGN 4X12 SENSOR 4 (HEAD)

OR

WHEEL ALIGNMENT MODEL ALIGN 2X8 SENSOR 2 (HEAD)

Technical Data:

Wheel Size Range : 10" to 22"
Colour Monitor Display : 15"
Measuring Range with Accuracy : +/- 10 Deg with Accuracy of 10 min
Total TOE : +/- 5 Deg with +/- 5 min
Individual TOE : +/- 8 Deg with 8 min
Camber : +/- 10 Deg with +/- 10 min
Driving Axis Angle : +/- 18 Deg with 10 min
Castor : +/- 18 Deg with +/- 10 min
King Pin : +/- 10 Deg with +/- 10 min
Wheel Set Back : +/- 5 Deg with 5 min
Castor Angle Adjustment Range : +/- 10 Deg
Load Capacity Turntable : 600 Kg.
Power Supply : 220V. 1 Phase
Suitable For Cars, Light Truck
Unlimited Customer Data Bank
More than 12000 Vehicle Manufacture Data
Self Diagnosis Error Code
Imported U.S.A. Sensors / Germany
Computer * 80 GB Harddisk * 256 MB Ram
P3 500 Mz Processors
Automatic Fault Display and Online Help Button for all
Measuring System Button
Optional acc. Printer



Model (Exact / Exact4 / Exact 2H)

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