CWA 25



Wheel alignment for passenger's cars and LCVs, 3D camera imaging with automatic camera beam

Wheel alignment for passenger's cars and LCVs, 3D camera imaging with automatic camera beam. Self-Tracking automatic movement of camera beam, synchronized with lift movement. Designed for high-volume shops, provides high quality measurements in very short time, increasing your productivity.

Description

Wheel alignment for passenger's cars and LCVs, 3D camera imaging with automatic camera beam.
Self-Tracking **automatic movement** of camera beam, synchronized with lift movement.

Suitable for Industry 4.0
Industry 4.0 Kit allows sharing data and information gathered during wheel alignment operation with workshop PC, helping to better arrange daily activity. Vehicle data, as well as daily agenda, can be stored and managed in most efficient way.

Functions

- Vision based 3D Imaging technology using 2 High Performance SI (Scientific Image) Camera.
- **Automatic movement of the cameras** according to the position of target plates.
- All measurements can be done at floor level and adjustments at any convenient height.
- Cameras instant imaging, a great help in adjusting alignment position.
- Simultaneous Front and Rear wheel alignment (4×4).
- Push Pull Runout compensation, set Back and thrust angle.
- Lift level compensation at adjustment level.
- Unlimited memory for vehicle specifications.
- Option for selection of vehicle specification during alignment.
- Power failure data protection.
- Automatic tracking of Left & Right turns for Caster/Kingpin measurements.
- Adjustment of Camber in wheel Jacked-up position. Toe curve measurement.
- Rear Setback & Track width difference.
- Toe adjustment in single Tie rod vehicle, Vehicle geometry measurements.
- Effortless Toe (Easy Toe) adjustment program.
- Camber measurement at Zero Toe.
- Drag link adjustment.
- Toe out on Turns & Lock angle measurements.
- Zoom-in option for live parameters.
- Two Colour Bar display for adjustment of all angles.
- Quick Wheel Alignment program by user-defined.
- Data Manager Software for storing alignment results.
- Customer Address in printout & customer data edit option.
- 3D Pictorial & Two color text printout.
- Multi-lingual program.
- Two wheel Alignment program by fixing only two target plates on front axle.
- High-resolution checker-board type targets, 14x14 cm (front) and 27x27 cm (rear), only 16mm thick. Light, durable and more accurate in performance.
- Designed for high-volume shops, provides high quality measurements in very short time, increasing your productivity.

Standard Accessories: Target Plates – 4 pcs, Wheel Brackets, PC with LED Monitor, Keyboard & Mouse, Break Pedal Lock, Steering Lock, Wheel Stoppers, Rotary Plates, Align + Data Manager Software

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Standard Features

Camber (Front/Rear)	± 15° 00’ (± 00° 02’)
Caster	± 28° 00’ (± 00° 05’)
Kingpin Inclination	± 25° 00’ (± 00° 05’)
Half Toe (Front/Rear)	± 20° 00’ (± 00° 02’)
Total toe	± 40° 00’ (± 00° 04’)
Toe out on turns at 20°	± 20° 00’ (± 00° 02’)
Setback (Front/Rear)	± 25 mm (± 2 mm)
Thrust angle	± 05° 00’ (± 00° 02’)
Runout compensation	± 10° 00’ (± 00° 02’)
Included angle	± 40° 00’ (± 00° 05’)
Track width difference	± 300 mm (± 5 mm)
Power supply	230V AC, 50 Hz / 110V AC, 60 Hz
Power consumption	200W (without printer)
Operating temperature	0 - 50°C

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Standard accessories



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Rotary Plates



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Align+Data Manager Software



Wheel Stoppers

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DB CWA (9640579)
Extended Database



LCD32 (9645077)
LCD video monitor 32”



PRINT (9645075)
Colour Printer



CWA-EXT (9645076)
Set of clamp extensions (10”-28”)



CWA-SET (9645078)
Calibration set



TRI-CLAMP (9628432)
Kit of 4 NO-ROC clamps with 3 grip points, Measuring range: 10"-21", including 12 feeler rods L=58 mm.



TRI-EXT (9627418)
Kit of 12 extensions for NO-ROC clamps extending range up to 25" (max. wheel diameter = 803 mm.).
To be matched to **9628432**.



TRI-S (9627419)
Kit of 12 short feeler rods for NO-ROC clamps.
To be matched to **9628432**.



TRI-L (9627420)
Kit of 12 long feeler rods for NO-ROC clamps.
To be matched to **9628432**.

TRI-C (9627421)
Kit of 12 shaped feeler rods for NO-ROC clamps.
To be matched to **9628432**.



TRI-E (9635955)
Kit of 12 shaped feeler rods for arched spokes rims, valid for NO-ROC clamps.
To be matched with **9628432**.



TRI-XL (9627422)
Kit of 12 extensions for feeler rods L=58mm., for NO-ROC clamps.
To be matched to **9628432**.



TRI-SPECIAL (9627423)
Kit of 20 grippers for NO-ROC clamps, including side holes measuring gauge, for use on Mercedes–BMW rims with 5 holes.
To be matched to **9628432**.



TRI-SMART (9627424)
Kit of 4 adaptors for NO-ROC clamps, for use on Mercedes-Smart rims.
To be matched to **9628432**.



TRI-P (9627425)
Kit of 8 bushes for NO-ROC clamps, for use on Porsche rims.
To be matched to **9628432**.



TPV (9627410)
Kit of 2 front turntables, 40mm. h. Max. capacity: 2000 kg. (axle). Dimensions: 355x355x40h mm.



TPT (9630647)
Kit of 2 front turntables, 50mm. h. Max. capacity: 3500 kg. (axle). Dimensions 460x454x50h mm.

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