

The Finder

EASY CCD KIT



7.000,00€

SKU: 1690310071 |

PRODUCT DESCRIPTION

The CCD wheel alignment system guarantees absolute highest precision with an absolute accuracy and repeatability of up to two angular minutes. Measurement values such as toe (individual and total), castor correction range, castor, camber, steering axis inclination, setback, wheelbase difference, side offset, track width difference and axle offset are offered for a professional alignment, depending on the machine version. By using the digital 20°-CCD-cameras, castor values can be measured even faster. Additionally, the cameras can measure vehicles and light trucks with wheelbases up to 6,5m. The runout compensation to compensate for possible chucking errors, inaccurate wheel clamps, or lateral runout of the rims is purely optional.

The data transmission between sensor heads and CCD-measurement is carried out wirelessly via radio, from the measurement box to the operating device via bluetooth. Therefore, the measurement box has to be installed either on the cross beam, the post, or the control panel of the lift. The sensor heads are also equipped with powerful rechargeable batteries. Charging pods are included in the scope of delivery as well. The cabinet can thus be completely replaced and measurement values can be easily shown the workshop's own tablet, notebook, or PC. It is up to the user to decide which operating device to use.

The professional and user-friendly software provides the option between three different measurement routines:

- Program-guided routine with a complete before and after adjustment

- Quick measurement for toe and camber diagnosis
- Random measurement for targeted testing and alignment of individual measured values

By a simple mouse-click the user gets access to an extensive specific vehicle database containing over 35.000 vehicles from 130 different manufacturers. The vehicle specific data is updated up to three times a year and is available online 24/7. The user also has the opportunity to extend his or her own database by entering individual vehicle specified data.

This wheel aligner supports rolling runout compensation. This shortens measurement procedures and enables more precise results, as the vehicle does not have to be lifted to determine the runout of the vehicle.

Rolling Runout Compensation (RROC)

Easy CCD offers the Rolling Runout Compensation. This means simultaneous runout compensation on all four wheels by rolling the vehicle.

Standard approach:

- 60° backwards (1)
- in two steps 30° forwards (2+3)

For short lifts and vehicles with long wheelbase:

- 30° backwards (1)
- 2 x 30° forwards (2+3)
- 30° backwards (4)

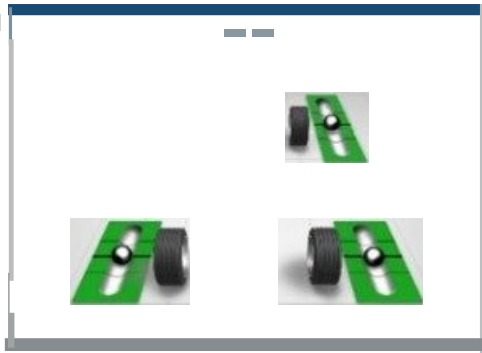
Benefits of RROC:

- Time-savings through simplified alignment process
- No lifting of vehicle necessary
- Measurement values remain unchanged since no deflection of vehicle
- Higher precision
- Measurement with lifted vehicle remains as an option, in case lift is too short for rolling the vehicle



New Graphical User Interface (GUI)

Easy CEO comes with a complete new graphical user interface- the same we use for our innovative Touchless wheel aligner. The new design is intuitive and clearly arranged. The graphics are self-explanatory and also suitable for people with red-green color blindness. The new software makes the operation extremely simple and easy to understand. It is compatible with all common Windows versions, including the newest standard Windows 10.



SCOPE OF DELIVERY



**4 CCD SENSOR HEADS
WITH RUNOUT
ENCODER (433 MHZ
RADIO VERSION)**

P/N: 932572101



**SENSOR HEADS
CHARGING PODS**

P/N: 1690311150



**MEASURING SYSTEM
WITH COMMUNICATION
PROCESSOR**

P/N: 1690311151

ACCESSORIES



WALLBOARDS FOR CCD-KITS (2-PARTS)

438,00€

P/N: 1690311146



FWA KEY CARD EUROPE

P/N: 1690002001



FWA KEY CARD USA

P/N: 1690002002



FWA KEY CARD LATIN AMERICA

P/N: 1690002003



FWA KEY CARD ASIA

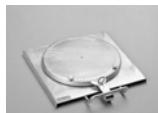
P/N: 1690002004



SPOILER ADAPTER "TRUCK-PRECISION" 240 MM LONG WITH INTEGRAL SPIRIT LEVEL

337,00€

P/N: 1690011002



MECHANICAL TURNTABLE

362,00€

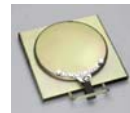
P/N: 1690112001



SPOILER ADAPTER 100 MM

120,00€

P/N: 1690121001



MECHANICAL TURNTABLE WITH NONIUS

484,00€

P/N: 1690311002



ELECTRONIC ALUMINUM TURNTABLE WITH CONNECTION CABLE TO CCD-SENSOR HEADS

960,00€

P/N: 1690321018



SLIDING PLATE "SHORT"

585,00€

P/N: 1690401003



SLIDING PLATE "LONG"

1.120,00€

P/N: 1690401004



**SPOILER ADAPTER 50
MM IN LENGTH**

87,89€

P/N: 1690401005



STEERING WHEEL LOCK

44,29€

P/N: 1690401007



**DRIVE ON RAMPS FOR
TURNABLES AND
SHORT SLIDING PLATE,
SHORT**

86,00€

P/N: 1690401008



**ELECTRONIC
STANDARD ALUMINUM
TURNABLE WITHOUT
CONNECTION CABLE**

917,00€

P/N: 1690401011



**CABLE SET FOR
MEASUREMENT HEADS**

291,42€

P/N: 1690401012



**ALUMINUM PRECISION
TURNABLE WITH
ELECTRONICS**

1.158,00€

P/N: 1690401013



**PRECISIONS SPOILER
ADAPTOR, INTEGRATED
SPIRIT LEVEL, 50 MM**

162,00€

P/N: 1690401014



STORAGE TROLLEY

1.638,00€

P/N: 1690401018



**MECHANICAL
ALUMINUM PRECISION
TURNABLE**

692,00€

P/N: 1690401028



RUBBER COVER

24,84€

P/N: 1690402001



**MECHANICAL
STANDARD ALUMINUM
TURNABLE WITHOUT
ELECTRONICS**

598,00€

P/N: 1690501001



**TRUCK TRAILER
CROSSPIECE**

1.226,00€

P/N: 1690501154



**MULTI-QUICK SPANNER
14-24"**

577,00€

P/N: 1690501250



**RAMP KIT FOR
TURNTABLES (SHORT)**

521,00€

P/N: 1690701052



**FILLING BARS FOR
TURNTABLES, PLASTIC**

10,00€

P/N: 1690702082



BALLAST BAG 5 KG

169,00€

P/N: 1693740001



BALLAST BAG 10 KG

199,00€

P/N: 1693740002



BALLAST BAG 20 KG

259,00€

P/N: 1693740003



BRAKE LOCK

40,17€

P/N: 1690401006



4X MULTI-FIT CLAMPS

1.313,00€

P/N: 1690311112



CALIBRATION DEVICE

423,00€

P/N: 1690401056

FEATURES

Easy CCD Kit 1690310071

- Easy Rolling Runout Compensation (RROC) spare lifting of vehicle
- New Graphical User Interface (GUI) guarantees easy and intuitive operation
- High precision alignment results through measurement accuracy and repeatability of ± 2 angular minutes
- Compatible with all common Windows versions, including the newest standard Windows 10
- High mobility due to wireless data transfer
- Compact design (low space requirements)
- Flexible use of sensor heads on changing work stations, e.g. lift and pit
- Use of own hardware (e.g. Tablet, PC, Notebook)

TECHNICAL DATA

Easy CCD Kit 1690310071

Precision (within measuring range):

Total toe (front + rear axle) ($\pm 4^\circ$)	4 ′
Individual toe (front + rear axle) ($\pm 2^\circ$)	2 ′
Camber (front + rear axle) ($\pm 3^\circ$)	2 ′
Wheel Setback (front + rear axle) ($\pm 2^\circ$)	2 ′
Geometrical driving axis ($\pm 2^\circ$)	2 ′

Total measuring range:

Total toe (front + rear axle)	18 °
Individual toe (front + rear axle)	9 °
Camber (front + rear axle)	10 °
Wheel Setback (front + rear axle)	9 °
Geometrical driving axis	9 °
Caster	22 °
Steering axis inclination	22 °
Toe-out on turns	20 °
Caster correction range (front axle)	10 °
Max. steering angle (front + rear axle)	60 °
Setback (rear axle)	2 °
Wheelbase difference	2 °
Side offset left/right	9 °
Track width difference	18 °
Axle offset	9 °

Dimensions and weight:

Sensor head (LxWxH)	760 x 300 x 200 mm
Weight sensor head	5.8 kg

Power supply:

Input voltage	100-240 V AC
Current supply	10 A
Input frequency	50/60 Hz