

# The Finder

## EASY CCD EXCELLENCE OEM



**12.900,00€**

SKU: 1690310074 |

## 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 box in the inside of the cabinet is carried out wirelessly via radio connection. The sensor heads are equipped with powerful rechargeable batteries. Thus, there are no more cables between cabinet and lift.

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)

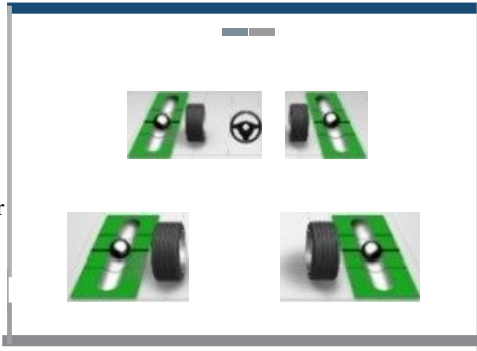
Benefits of RROC:

- 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



**MONITOR 27"**

P/N: 1693770363



**SPECIAL CLAWS FOR  
MULTI-FIT CLAMP**

P/N: 1690311164



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

P/N: 932572101



**BRAKE LOCK**

P/N: 1690401006



**STEERING WHEEL LOCK**

P/N: 1690401007



**MECHANICAL  
ALUMINUM PRECISION  
TURNTABLE**

P/N: 1690401028



**MULTIFUNCTION  
INKJET PRINTER WITH  
SCANNER**

P/N: 1693770415



**4X MULTI-FIT CLAMPS**

P/N: 1690311112



**FILLING BARS FOR  
TURNTABLES, PLASTIC**

P/N: 1690702082

# ACCESSORIES



## 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



## SPOILER ADAPTER 100 MM

120,00€

P/N: 1690121001



## 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



## DRIVE ON RAMP FOR TURNABLES AND SHORT SLIDING PLATE, SHORT

86,00€

P/N: 1690401008



## CABLE SET FOR MEASUREMENT HEADS

291,42€

P/N: 1690401012



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

162,00€

P/N: 1690401014



**STORAGE TROLLEY**

1.638,00€

P/N: 1690401018



**RUBBER COVER**

24,84€

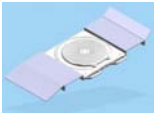
P/N: 1690402001



**TRUCK TRAILER  
CROSSPIECE**

1.226,00€

P/N: 1690501154



**RAMP KIT FOR  
TURNTABLES (SHORT)**

521,00€

P/N: 1690701052



**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



**CALIBRATION DEVICE**

423,00€

P/N: 1690401056

# FEATURES

## Easy CCD Excellence OEM 1690310074

- 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  $\pm 2$  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



# TECHNICAL DATA

Easy CCD Excellence OEM 1690310074

## 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:

Cabinet (LxWxH)	880 x 770 x 1520 mm
Weight of cabinet	1100 kg
Color of cabinet	5015 RAL
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