# **R5000** cta pro

#### **COMMERCIAL TRUCK SYSTEM**

#### SPEED and EFFICIENCY with 6-CCD sensor alignment system

Infrared transmission among measuring heads and wireless Bluetooth® communication between the front heads and the control unit.

#### NO MEASURING TOWER NEEDED WITH PORTABLE CONSOLE

Maximize workspace without obstacles or obstructions. Position in any available bay space Measure on the floor, a lift or pit.

#### SIMPLE SYSTEM with LESS TRAINING TIME

The double inclinometer allows caster adjustment without steering. No run out clamps enable user to skip out of any compensation procedures. See faster operating times with no loss of accuracy.



**PATENTED** STANDARD TIRE CLAMPS

#### NO RUN-OUT COMPENSATION

30" TIRE DIAMETER MINIMUM



**#STDA92 / SET OF 2 TIRE CLAMPS** 

#### **FAST SETUP**

Accurately reference wheel center without raising wheel position to perform run-out compensation. Save 15-20 minutes of set up



Measure up to 8 axles as a trailer aligner

#### **PROGRAM FEATURES**

#### **DATA MANAGEMENT**

Data bank with vehicle data sheets already entered.

#### Customer data bank for recording jobs

Search by customer name or vehicle plate number. Summary and comparison of diagnosis/repair values on a single screen.

Measurement of multiple axles vehicles using an extremely easy-to-follow procedure.

#### **INSTRUCTIONS WITH ANIMATED GRAPHICS ALLOW FOR IMMEDIATE OPERATION**

Measure axle offset electrically without wasting time manually measuring.

### TWSR SENSORS

#### **BUS and TRUCK APPLICATION**

Front heads have extended drop-down sensor frame.



**4 LED SENSORS** allow alignment readings up to 59 feet.



4 REMOTE CONTROLS allow user to

operate the system from any head.



Bluetooth transmission between measuring heads and control unit.





Side supports

allow housing and recharging of

the measuring

#### R5000 services:

Rotar

Bluetooth

R5000HD

Optional equipment may be required

#### **TOTAL MEASURING RANGE / R5000**

| TOTAL MEASURING RANGE / ROUGO |                   |                    |                |
|-------------------------------|-------------------|--------------------|----------------|
| TECHNICAL<br>DATA             | ACCURACY          | MEASURING<br>RANGE | TOTAL<br>RANGE |
| FRONT AXLE                    |                   |                    |                |
| Total toe                     | +/-3'             | + / - 2°           | + / - 20°      |
| Partial toe                   | +/-1′             | + / - 1°           | + / - 2° 30′   |
| Set-back                      | + / - 2'          | + / - 2°           | +/-5°          |
| Camber                        | + / - 2'          | + / - 3°           | + / - 10°      |
| Caster                        | + / - 5'          | + / - 10°          | + / - 18°      |
| King pin                      | +/-5′             | + / - 10°          | + / - 18°      |
| REAR AXLE                     |                   |                    |                |
| Total toe                     | + / - 3'          | + / - 2°           | + / - 20°      |
| Partial toe                   | + / - 1'          | + / - 1°           | + / - 2° 30′   |
| Set-back                      | + / - 2'          | + / - 2°           | +/-5°          |
| Camber                        | +/-2'             | + / - 3°           | +/-10°         |
| Thrust angle                  | +/-2'             | + / - 2°           | +/-5°          |
| Power supply                  | 110v / 1Ø / 60 Hz |                    |                |

#### **STANDARD EQUIPMENT**

Wheeled control unit with a computer, 19" full color monitor, keyboard, printer, and supports to house and charge measuring head batteries.

- · 2 front / 2 rear measuring heads
- · Set of 2 tire clamps / STDA92
- 1 brake pedal depressor
- 1 steering wheel lock



#STDA29L 2 TURNTABLES

## **OPTIONAL EQUIPMENT**



#STDA49N TRUCK TRAILER ALIGNMENT FIXTURE



**LED REPEATER ON** 

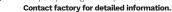
**FRONT SENSORS** 



HD / PASSENGER COMBO KIT #STDA159VSG

LEDs on the head display when adjustment angle is within specification range.

Adding this kit and a set of 4 passenger tire clamps (2 per part number) will allow the R5000 to align compact passenger cars up to Class 8 vehicles.





#### Lit# Rotary R5000 Aligner Cutsheet.2021.11

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Product specifications, part numbers, images and component descriptions are subject to change without notice or liability.

ROTARY WHEEL SERVICE EQUIPMENT now carries a 3 year warranty. See website for details.



SCAN CODE FOR PRODUCT VIDEO