

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

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 TURNABLES



Lit# Rotary R5000 Aligner Cutsheet.2021.11

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

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.



LED REPEATER ON FRONT SENSORS

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

OPTIONAL EQUIPMENT



#STDA14
CCD
CALIBRATION KIT



#STDA49N
TRUCK TRAILER
ALIGNMENT
FIXTURE

HD / PASSENGER COMBO KIT #STDA159VSG

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.

Contact factory for detailed information.



SCAN CODE FOR
PRODUCT VIDEO



Side supports allow housing and recharging of the measuring head batteries.



QUICK CHARGER
contacts for battery charging

R5000 services:



Optional equipment may be required

TOTAL MEASURING RANGE / R5000

TECHNICAL DATA	ACCURACY	MEASURING RANGE	TOTAL 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 / 10 / 60 Hz		