

# Spectrum 4C

## WHEEL ALIGNER

Powered by

**ATS ELGI**<sup>TM</sup>  
THINK LONG RUN



Suitable For



EASY MEASUREMENT  
IN BOTH PIT & LIFT



FAST MEASUREMENT  
& PRECISE



SELF-CENTERING  
CLAMPS



4 HD  
CAMERAS



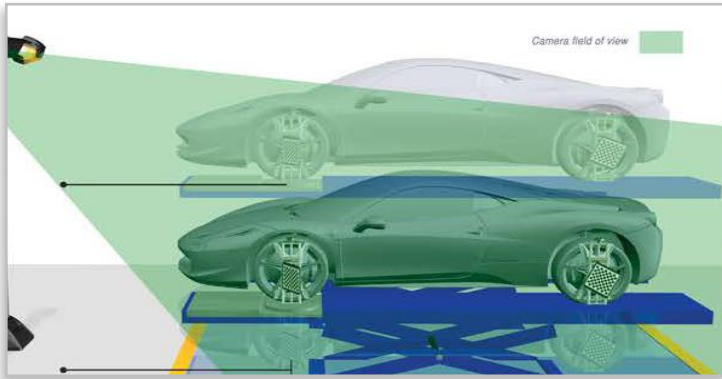
WHEELBASE  
RANGE



REMOTE  
COMPATIBLE

## ► Special Features

### Machine Vision System Enhanced



Machine Vision system enhanced HD Camera detects the accurate position of targets on wheels

#### Lift position tracking :

- This feature can be useful if the lift can't stay level at different heights
- The software automatically detects lift movement and compensates the difference

#### Wide Scope



#### Key advantages of the WideScope technology

- Perform measurement at a wide range of lift heights without repositioning the cameras \*
- Accommodate to the workplace. Install closer or further away, depending on the space available
- Continue adjustment even if the target's is partially occluded

## ► Technical Specification

PARAMETERS	MEASUREMENT RANGE	ACCURACY IN MEASUREMENT
<b>FRONT WHEEL ALIGNMENT :</b>		
Camber	±8°	±2'
Front total toe	±5°	±2'
Caster	±19°	±5'
SAI / KPI	±19°	±5'
Lock angle	±45°	±5'
<b>REAR WHEEL ALIGNMENT :</b>		
Camber	±8°	±2'
Rear total toe	±5°	±2'
<b>SYMMETRY ANGLES :</b>		
Front set back	±2.5°	±2'
Rear set back	±2.5°	±2'
Thrust angle	±2.5°	±2'
Geometrical driving axis	±2.5°	±2'

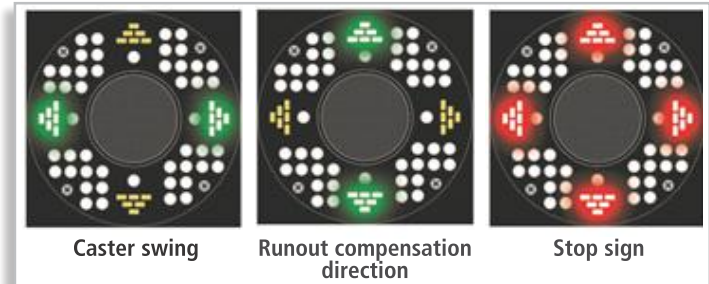
### 3d Adjustment Mode



### Wheel Adaptor



### VODI – Auxiliary Target Display For Target Setting



## ► Features & Benefits

- Very durable and impact resistant and high precision target boards.
- The 3D model of the car chassis allows you to see position and wheel alignment angles on the screen in real-time
- User friendly interface and advanced Help and Support System allow even novices to learn how to use the wheel aligner quickly and to start working
- The range of working heights of the lift is up to twice as much as similar wheel aligners of other manufacturers
- The 4 Cameras wheel aligner makes it possible to take measurements and make adjustments on the lift from the alignment height (1700 mm) to the floor level without using any camera displacement mechanisms, stairs and stands
- Minimum distance (from 1200 mm) from camera units to the lift or pit in comparison to similar wheel aligners of other companies.
- Camera to turntable distance is 1200 to 2500mm
- Bluetooth remote control ensures easy operation
- Does not need calibration and allows you to start working right after installation
- VODI – Auxiliary target display for target setting