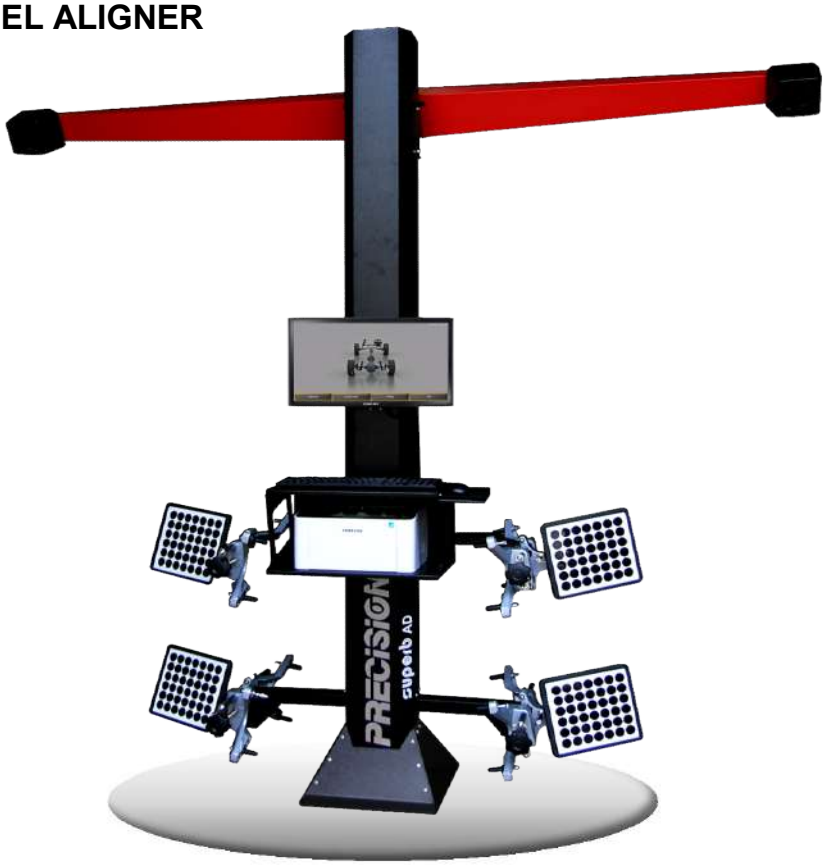
PRECISION
AUTOMOTIVE DIAGNOSTIC & BODY SHOP EQUIPMENT

SUPERB AD

PROFESSIONAL 2 CAMERA 3D WHEEL ALIGNER

MODEL - PWL-3920



- **SUPERB** Wheel Alignment System is designed to take measurements and perform alignment on steerable and unsteerable wheels in automotive dealer workshops, car service stations, automotive manufacturing plants and diagnostic centers
- The operation of the Wheel Aligner is based on measurements of wheel axis angle parameters by digital video cameras and high-precision image targets.

HIGHLIGHTS

SUPERB Software is a powerful and modern means of checking and controlling wheel alignment

Continuous data processing and meaurement displaying

Easy operating away from the monitor with colour indicators

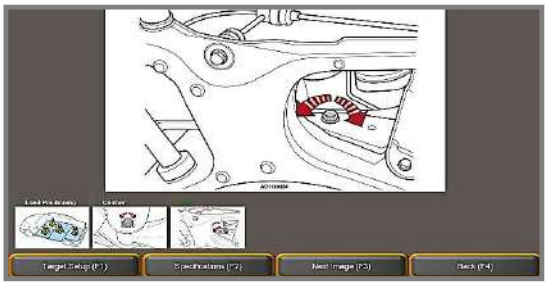
Automatic parameter assessment of compliance with specifications

Quick access to other program modes

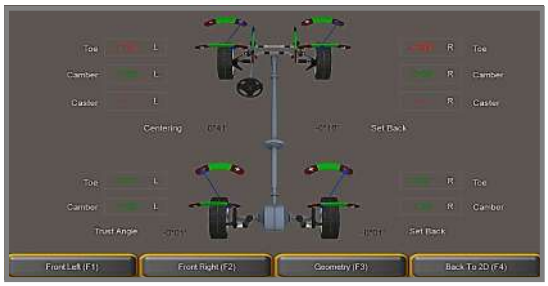
HIGHLIGHTS - SOFTWARE

Measurement Mode

Database Image View



3 D Adjustment Mode

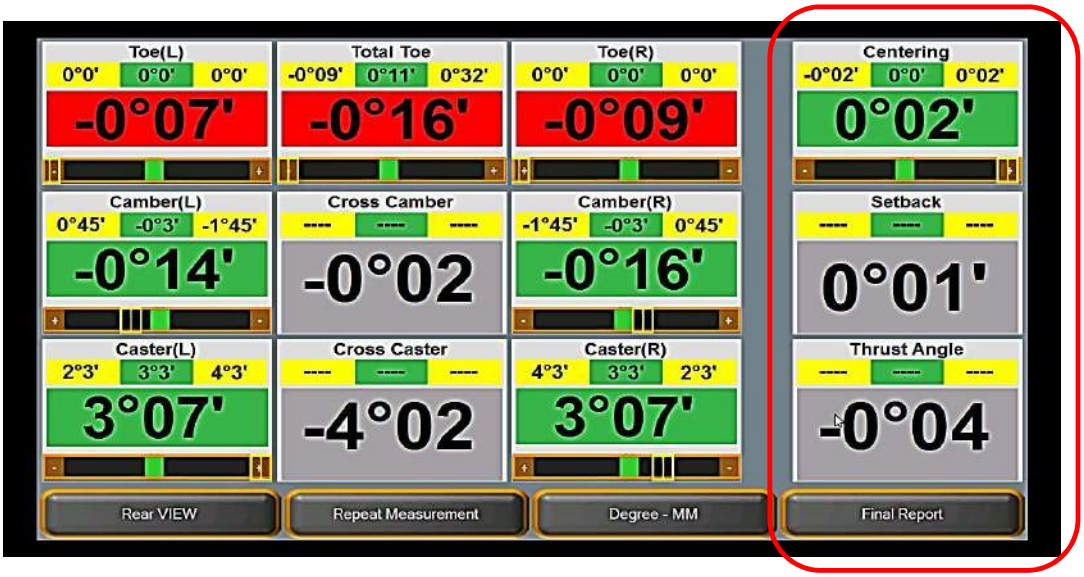


3D Visualization, 7 modes

Rolling Compensation mode

Report Mode

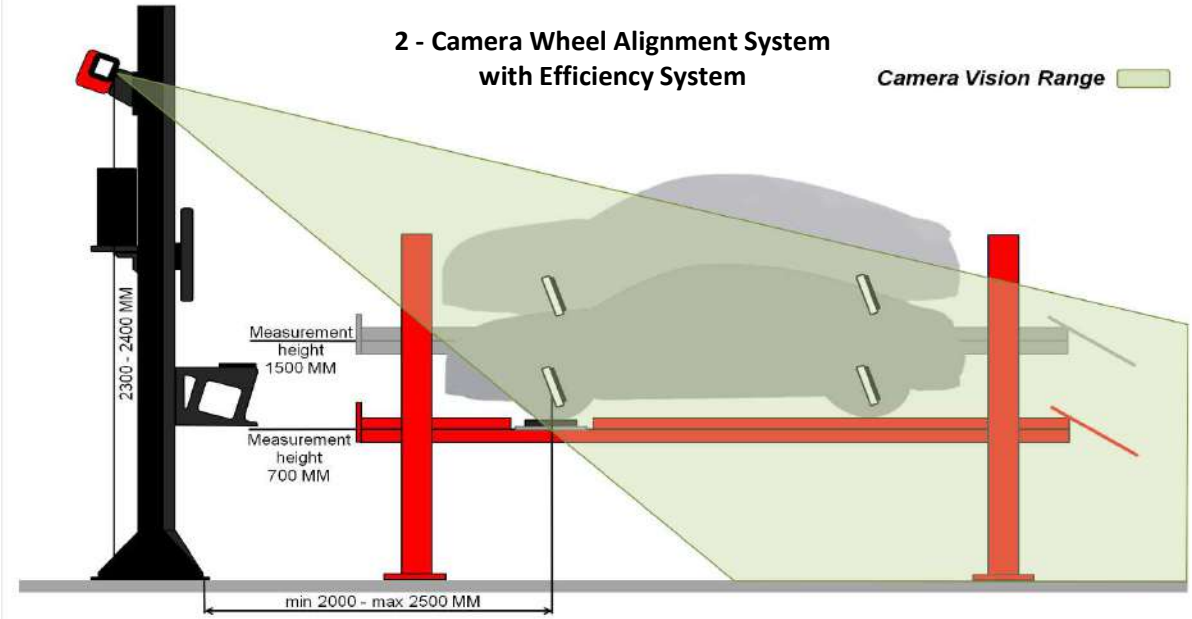
2 D Adjustment Mode



CENTERING FUNCTION

The centering function allows to accurately set the front TOE value, within the prescribed tolerance, so that the vehicle goes straight; saving on repeat jobs

HIGHLIGHTS



The 2-camera Wheel Aligner allows to take measurements and perform alignments on the lift in the range of lift heights of 900 to 1700* mm from the floor level

2-camera
Wheel Alignment System

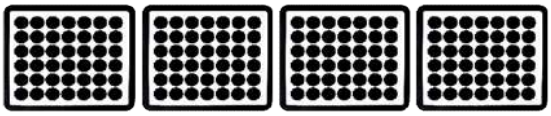
MACHINE VISION SYSTEM

HD cameras allow a quick and reliable target "capture" and a high image transfer to PC over TCP/IP

Special software promotes high-precision recognition of targets in space on the basis of received images

TARGETS

Compact and easy targets
One target for each wheel
Easy to handle
The front panel is protected with a rubberized border
No Electronic components
No need to calibrate targets



WHEEL ADAPTERS

Self-centering wheel adapters with the mobile central part fit 12"-21" wheel disks

OPTIONAL

- **ALIGNING VEHICLE - IN LIFTED CONDITION WITH WHEEL SUSPENDED**

On 2 Post Lift

On Wheel Service Lift

- 1.7m Long Professional Sliding Plates
- Calbration Kit

TECHNICAL SPECIFICATIONS

Front Wheel Alignment	Measurement
Camber Angle	± 8,00°
Front Axle Total Toe Angle	± 5,00°
Caster Angle	± 19,00°
SAI / KPI	± 19,00°
Lock Angle	± 45,00°
Front Wheel Alignment	
Camber Angle	± 8,00°
Rear Axle Total Toe Angle	± 5,00°
Rear Individual Toe Angle	± 19,00°
Symmetry Angles	
Front Set Back	±2,50°
Rear Set Back	±2,50°
Thrust Angle	±2,50°
Geometrical Driving Axis	±2,50°

Power Supply	1 Phase, 230 Vac. - 50/60 Hz
Absorbed Power	500 W
Noise level in working conditions	< 70 db (A)

* Specifications subject to change without notice
** Images shown are for representation purpose only. Accessories & features shown in the picture may not be part of the standard equipment

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