



Product Introduction

Touchless Wheel Aligner

X-931

LAUNCH Europe

Introduction

X-931 Touch-less wheel aligner is a kind of equipment which can accurately measure the wheel alignment parameters without any component touching with the vehicle tire or wheel rim.

It can measure each parameter of the vehicle wheel: front and rear Toe-in, front and rear camber, caster, Kingpin inclination and thrust angle, etc.

With its Touch-less laser and camera systems, the wheel rim will not be damaged, and it saves the time for mounting and demounting the wheel clamps. X-931 European version use the European computer, printer and database, which can help the customer to get the fast support in Europe. It is a good choice for professional tire and wheel service shop.

Product Features

- Easy to measure, greatly reduce the work frequency and intensity (unnecessary to mount and demount the wheel clamps and the targets)
- Greatly increase the measurement work efficiency (unnecessary to perform the vehicle-pushing compensation operation)
- Real touch-less measurement, no any injury to the wheel rim, improve customer satisfaction
- Measurement data accurate and real-time, adopts advanced technology of laser image processing
- Easy to operate by using user-friendly software interfaces

Product Advantages



1. No need to fix clamps and targets.



3. No lifting height limit.



2. No need to push vehicle for compensation.



4. Real touch-less measurement, no any injury to the wheel rim.

LAUNCH Europe

Touch-less Measurement Systems



LAUNCH Europe

Technical Data

| Technical Index | Description |
|-----------------|---|
| Wheelbase | For passenger vehicle and light commercial vehicle, from 1800mm to 3750mm |
| Input Voltage | 100 ~ 220V AC (10A) |
| Input Frequency | 50 ~ 60Hz |
| Power | 0.5KW |
| Others | Computer host, LCD display, keyboard & mouse; Measurement software; Printer and loudspeaker, etc. |

Language: English, Japanese, Korean, Simplified Chinese, Traditional Chinese, Spanish, Russian, Polish, German, French, Italian, Portuguese

Measurement Parameters

| Alignment Parameters | Measurement Range |
|----------------------|-------------------|
| Total Toe-in | ± 20 ° |
| Individual Toe-in | ± 10 ° |
| Camber | ± 10 ° |
| Caster | ± 20 ° |
| Kingpin inclination | ± 20 ° |
| Thrust Angle | ± 5 ° |

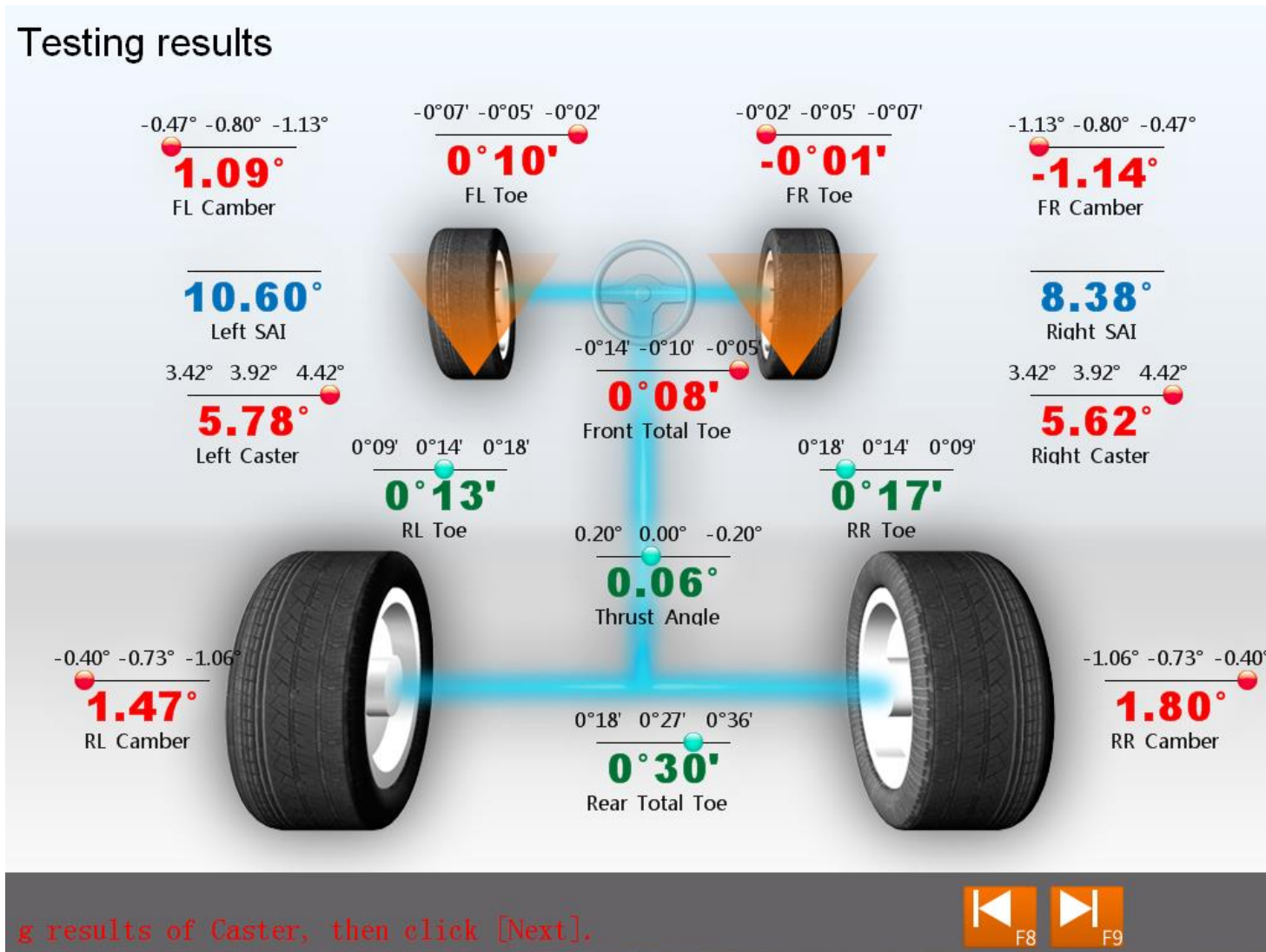
User-friendly Software Interfaces

Main Menu



LAUNCH Europe

User-friendly Software Interfaces



LAUNCH Europe

TLT-440W lift (Special Version for X-931)

The hydraulic four post lift with a capacity of 4t is applicable for the lifting of various vehicles sizes in garages and workshops.

This lift is specially customized for the touch-less measurement units, it provides the installation interface for the slide grooves.



LAUNCH Europe

TLT-440W lift (Special Version for X-931)

Technical Data

| | |
|------------------------|---------------|
| Capacity: | 4,000 kg |
| Height: | 2,172 mm |
| Width: | 3,420 mm |
| Lifting height: | 1,880 mm |
| Lowest lifting height: | 170 mm |
| Length of runways: | 4,555 mm |
| Lifting time: | 50 s |
| Motor power: | 2.2 kW |
| Voltage: | 380 V / 50 Hz |
| Amount of oil: | 12 L |
| Weight: | 1,550 kg |

Product components

| No. | Name | Amount | Unit |
|-----|---|--------|------|
| 1 | Front wheel measurement units | 2 | Set |
| 2 | Rear wheel measurement units | 2 | Set |
| 3 | Slide grooves | 4 | Set |
| 4 | Exchange board | 1 | Set |
| 5 | Computer & Printer | 1 | Set |
| 6 | Calibration signs | 4 | Set |
| 7 | Cabinet | 1 | Set |
| 8 | TLT-440W lift (Special Version for X-931) | 1 | Set |

Ordering Information

| | |
|------------------------|--|
| Article Number: | X931-302010441 TLT-307041401 |
| Package info: | Measurement units 1628*970*978mm Cabinet 800*750*1400mm Lift box1 4530*580*850mm Lift box2 1135*560*550mm Total 1660kg |
| | |

Contact

DIAGTOOLS LTD

www.diagtools.lv

+371 6 77 04 152

+371 29 41 60 69

Pernavas 43A, Riga, LV-1009

diagtools@diagtools.lv

LAUNCH Europe