

# OPTO-PLUS 204-DSX2

## 4-Wheel Alignment Computer with LASER



Modern vehicles require 4-Wheel Alignment and a coordinated adjustment of all four wheels for safety, economy and comfort.

The rear wheels determine **the vehicle thrust line and must be aligned to the front wheels**. This is valid for vehicles with independent rear suspension, but also for vehicles with a solid rear axle.

**OPTO-PLUS 204-DSX2** is designed as an **easy affordable total 4-Wheel Alignment System**, which is as fast and accurate as much more costly systems. The **dual sensor system** makes operation simple and fast. The **Laser system** makes it **visible and easy readable** in all conditions.

**OPTO-PLUS 202-DSX2** is a 2-Wheel Alignment System, which **can be upgraded to**

**model 204-DSX2** with a conversion kit. **OPTO-PLUS 204-DSX2** and **202-DSX2** are push button easy to operate. They feature **Electronic Run Out Compensation** for all wheels, they store all measured values, and have an easy to understand operators panel.

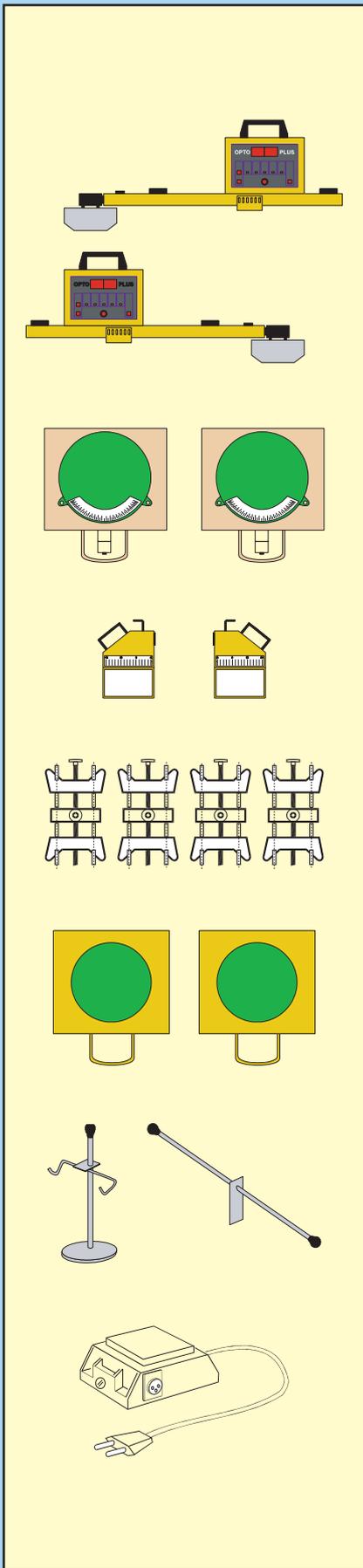
**OPTO-PLUS 204-DSX2** and **202-DSX2** come with **self-centering wheel clamps as standard equipment**. They can operate from a 220/12V supply or directly from the car battery.

**OPTO-PLUS 204-DSX2** and **202-DSX2** have **optional preset 10°, 14° or 20° Caster Swing** for fast measuring of Caster and King Pin in one operation.

**OPTO-PLUS 204-DSX2** and **202-DSX2** are equipped with an advanced **Computer self-test system** with automatic calibration of all sensors.

**The easy affordable  
4-wheel Aligner**





Each measuring unit has a complete microprocessor based system using two high precision electronic sensors measuring Camber, Caster and King Pin.

The angles are displayed in degrees and minutes. The resolution is factory set to 1 min., but can also be set to 5 min. in either 1/60 or 1/100 degrees.

An Electronic Run Out Compensation System compensates on all four wheels using easy push button recording.

The push buttons record and store the values for instant recall during the alignment check procedure. Caster adjustment is performed on the measured Caster value, so the true Caster value is available when performing adjustment.

Each measuring head projects a clearly visible Toe scale giving Single/Total Toe and Set Back. With the additional Retro Mirror Kit, Single and Total Rear Toe and Thrust Line are measured simply and quickly.

### Technical Data

#### Wheels

Wheelsize 12"-19"  
Max tyre diameter 870 mm

#### Measuring Range

Individual Toe	-2°	to	+2°
Caster	-18°	to	+18°
Camber	-6°	to	+6°
King Pin	-18°	to	+18°
Caster adjustment	-6°	to	+6°
Turning Angle	-55°	to	+55°
Set Back	-60mm	to	+60mm

#### Power Requirement

220V 50W 50/60 Hz



Front panel for measuring Camber, Caster, King Pin & Caster Adjustment.



Toe scale projected for measuring Toe and Set Back.



Twin Scale System for measuring on rear wheels.

#### Dimensions

Equipment 97x97x56  
Weight: 81 kg

#### Optional Equipment

Hanging board w/signplate	020000
Trolley	013100
Remote display	220000
Calibration tool for 202-DSX2	014000
Calibration tool w/ 2stands	028000
4-Wheel conversion kit for model 202-DSX2	021000

Distributor:

