

Wheel Aligner for Cars



COMES G-Car 4.0 i COMES G-Car 8.0

COMES-GL⁷

COMES G-Car is a computer CCD instrument for checking the alignment of wheels and axles of vehicles with GVWR up to 3.5 t. The device enables measurement of passenger cars and vans.

The **COMES G-Car** device is available in two versions:

- **G-Car 8.0** – has 4 measuring active heads (8 CCD cameras).
- **G-Car 4.0** – has 2 active heads and 2 passive heads (4 CCD cameras).

COMES G-Car is a device designed and manufactured in Poland.

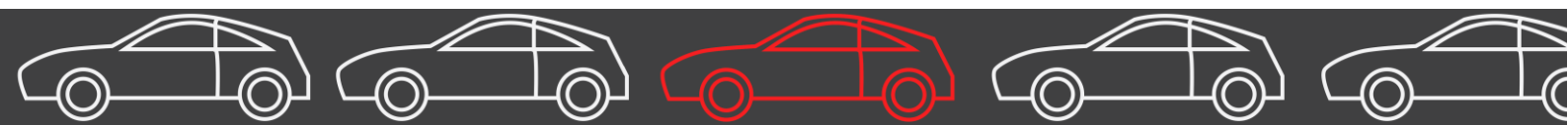




COMES G-Car is a device that takes measurements in relation to the geometrical axis of the vehicle.

COMES G-Car:

- A complete, computerized CCD device for measuring wheel and axle alignment of vehicles with GVWR up to 3.5 t.
- Measuring heads equipped among other things with electronic two-axis inclinometers for measuring vertical angles and high-resolution CCD sensors/cameras for measuring horizontal angles of the vehicle.
- Battery-powered (wireless) power supply for measuring units.
- Wireless radio communication between measuring units and the central processing unit.
- Wheel clamps for mounting on rims with a diameter range from 11" to 25".
- Intuitive measurement program on PC, guiding the operator step by step and:
 - displaying the entire measurement and adjustment process on screens, presenting the parameters measured in real time, creating measurement reports and allowing measurement results archiving,
 - presenting the results in a tabular and graphical way, clearly illustrating the position of the wheels and axles of the vehicle,
 - generating a measurement protocol that includes customer and vehicle data, factory data, as well as pre- and post-adjustment data,
 - with a choice operating modes, enabling optimization of working time and configuration of measurement activities according to the needs of the operator,
 - with the function of toe adjustment with turned and unloaded (raised) wheels,
 - equipped with an extensive database compatible with Auto-Data.
- Wheel runout compensation is achieved by turning the raised wheels as well as by rolling the vehicle (G-Car 8.0).
- High practicality of the device due to the possibility of using a portable laptop computer, which provides visualization of measurement results in any place in the vicinity of the tested vehicle.
- A mobile cabinet for easy movement of the device.
- Measuring heads have an ergonomic handle for easy installation and handling.
- Vehicles with a wheelbase of up to 5 meters can be measured.
- It is possible to use an extension for the monitor.
- The device can be used both on a service pit station and a diagnostic lift, in a workshop or at a Vehicle Inspection Station).





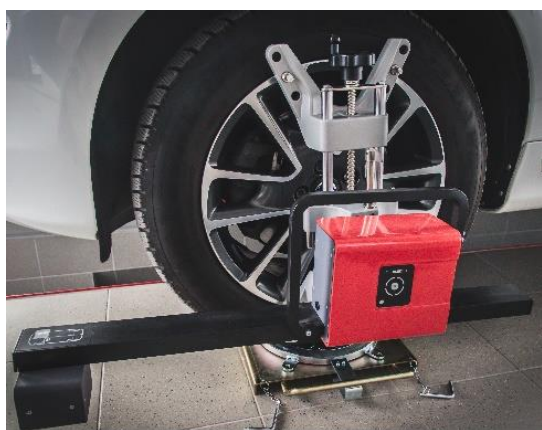
Comes G-Car has a PC program that displays the entire measurement and adjustment process on screens.

The **G-Car 4.0** has the same measurement capabilities as the **G-Car 8.0**. The difference is that with the G-Car 8.0, all measured parameters are measured at the same time, while with the G-Car 4.0, the rear axle is measured and adjusted first, and only then the front axle is measured and adjusted. In addition, the measurement time for the G-Car 8.0 version is shorter than for the G-Car 4.0.

It is possible to upgrade the G-Car 4.0 device to the G-Car 8.0 version, which is a very practical and at the same time unique solution.

The **G-Car** device allows you to measure the following parameters:

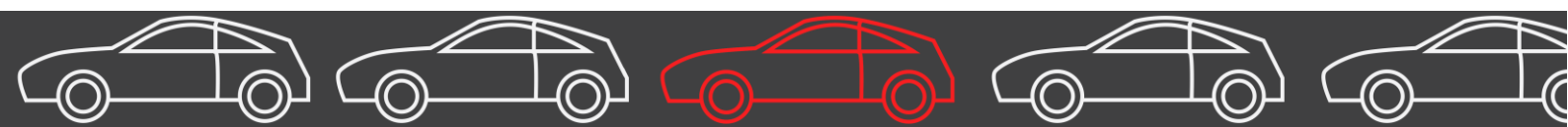
- Total Toe
- Individual wheel toe
- Toe-in Difference
- Caster angle of the front axle
- Difference in steering angles of the front axle wheels
- Deviation of the geometrical driving axis from the axis of symmetry / wheel trace
- Longitudinal offset of the front and rear axle wheels
- Lateral wheel offset for left and right sides
- Axle non-parallelism / wheelbase difference
- Camber angle
- Camber angle difference
- Kingpin inclination of the front axle



Active measuring head

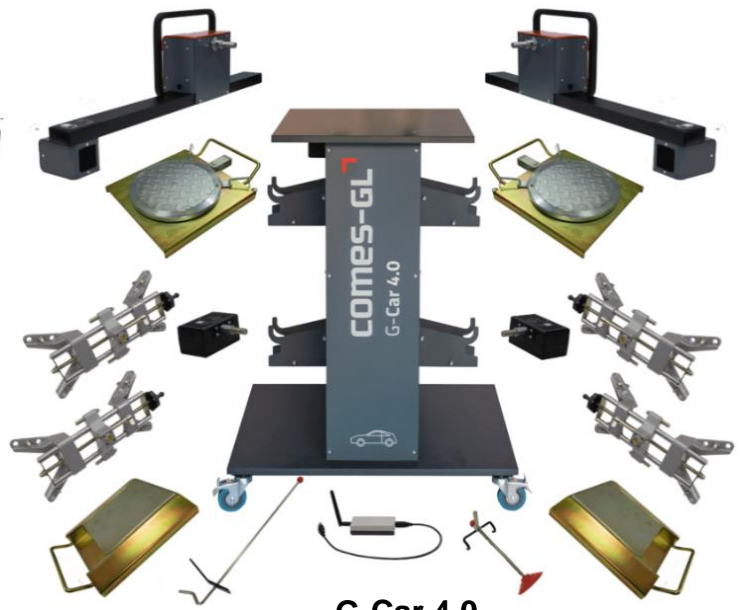


Passive head





G-Car 8.0



G-Car 4.0

Equipment of the COMES G-Car*

Quantity

G-Car 8.0 G-Car 4.0

- Active wireless measuring heads
- Passive wireless measuring heads
- Control module (for cooperation between heads and PC)
- Wheel clamps, range 11"-25"
- Steering wheel lock
- Brake pedal lock
- Turntables
- Expansion plate for rear wheels
- Mobile cabinet, wall stand or stand (to choose from)
- Head charging system
- PC Software
- Manual
- Laptop/PC Kit
- Monitor extension

4	2
---	2
1	1
4	4
1	1
1	1
2	2
2	2
1	1
1	1
1	1
1	1
1 set	1 set
1	1

* Equipment dependent on set / order

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