

# Geofix 10.0 Light

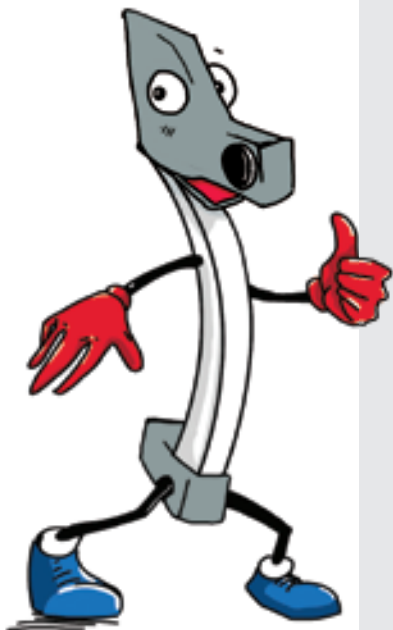


Wheel alignment equipment.  
Lithium batteries,  
BT<sup>2</sup> communication



# Geofix 10.0 Light

## general features



8 CCD sensors equipment for the alignment of car and light commercial vehicle wheels as follows:

Connection of measuring heads to the computer via BT<sup>2</sup> wireless communication (computer not supplied).

### Standard composition

- 4 Measuring heads
- 4 Clamps, including grips and safety elastic band
- Wheel alignment software and vehicle database
- Power supply
- BT<sup>2</sup> antenna
- Accessories included: 2 front turntables, steering lock, brake pedal lock.



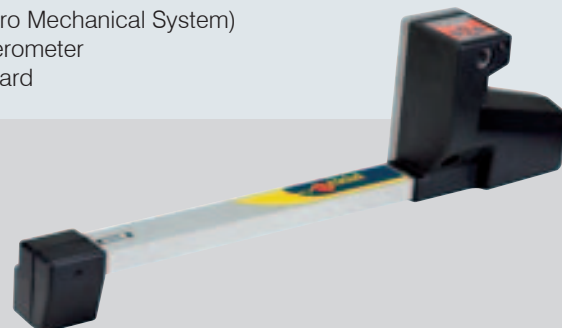
### Minimum requirements of the computer (not supplied by us)

- Windows XP SP2 or Windows Vista Home Basic
- 1.5 GHz 32 bit (x86)
- 1 Gb RAM
- DVD-ROM
- 40 Gb
- 2 USB ports

## Sensors: A FEATHERWEIGHT TECHNOLOGICAL BREAKTHROUGH

Rechargeable lithium batteries  
 State-of-the-art BT<sup>2</sup> wireless technology  
 High speed DSP processor  
 8 CCD linear cameras with solar filter

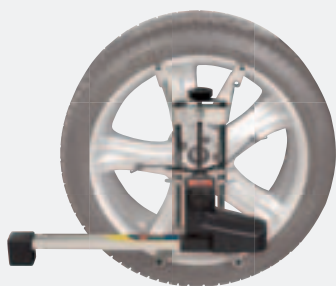
Long distance powered LED  
 MEMS (Micro Electro Mechanical System)  
 silicon static accelerometer  
 "Soft Touch" keyboard



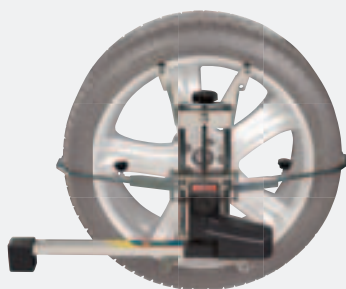
### BENEFITS:

- Stable communication over 30 m distance, even in difficult ambiantal conditions
- Eliminates electronic turnplates thanks to wide-angle (+/- 24°) cameras
- Non-stop control of sensors calibration, thanks to the 8 cameras
- Handy and easy to use: featherweight (2.6 Kg), extremely compact dimensions, without antenna and cables
- Solar filter for outdoor use in sun-exposed areas
- Powered LED for alignment of vehicles with wheelbases over 12 m
- Reduced operator movements thanks to the control of the software steps by the keyboard on each sensor

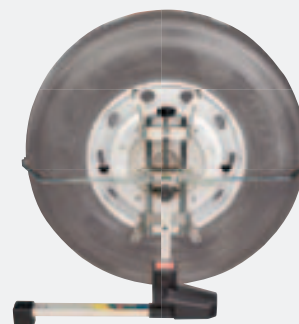
## Clamps, grips and extensions FOR ALL RIMS AND TYRES



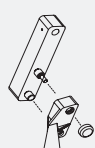
**4-POINTS CLAMP** (standard)  
 self-centering clamp with 12"-24"  
 operating diameter, 45 mm universal  
 grips, safety elastic band



**Option**  
 Clamp supporting arms and set of tips  
 for tyres with external diameter up to 31"  
 ▶ 46DW75331 \*



**Option**  
 Clamp supporting arms, drop-down  
 extension, and 100 mm grips, for truck  
 and bus tyres up to 50"  
 (included in truck and bus alignment kit,  
 see Accessories)



### Options

Extensions for rims up to 30"  
 for SUV  
 ▶ 46DW75803 \*



80 mm universal grips for 4-WD,  
 SUVs and light trucks  
 ▶ 46DW75326 \*



Grips for clamping on iron rims from  
 the inside  
 ▶ 46DW75330 \*

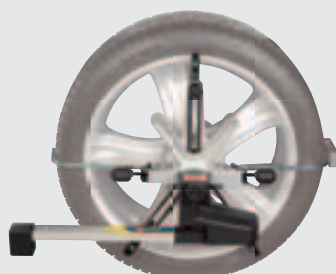


48 mm grips with reference surface  
 to reduce runout error  
 ▶ 77F000183 \*



Extended clamp supporting arms for  
 tyres up to 40" (only for 46DW75331)  
 ▶ 46DW76312 \*

\* Part number refers to 1 clamp only, order 4 for complete machine



**3-POINTS CLAMP** (alternative)  
 self-centring clamp with 12"-  
 25" operating diameter

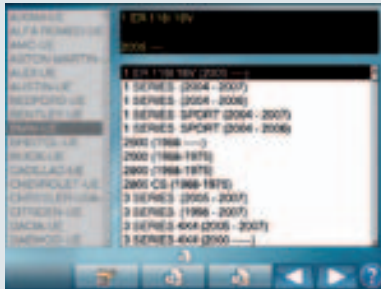


### Options

Adapters for Audi, BMW, Mercedes,  
 Smart, Porsche and Volkswagen rims  
 ▶ 74A000900

90 mm extensions for light trucks,  
 4-WD and SUV

## Software: SIMPLE AND USER-FRIENDLY



Runout: 180° or 3x90° lifted, 90° or 180° on ground

Caster swing: FAST, 10°, 20°

Alignment mode: total or 2-wheels

Images displaying adjustment points

Front and rear spoiler

Data freezing (jack and hold)

Toe curve

Advanced readings: SAI, TOOT, set-back

Complete : C 71 G-updated database, customisable with different customers and vehicles

Angles specifications according to frame height and inclination measurements (even with Romess) (\*)

Load positioning specifications

Software and database for aligning wheels of trucks and buses up to 7 axles (option)

(\*) Measurements have to be inputted manually in the computer

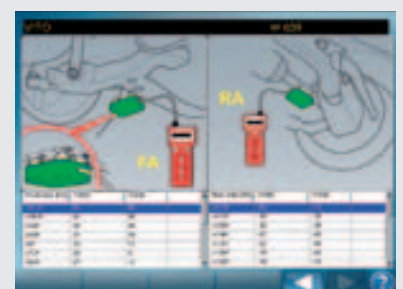


### BENEFITS:

- Simplicity of learning and using
- High speed measurement  
FAST caster swing: 30 seconds (average) instead of 60 (§)  
On ground runout: 80 seconds (average) instead of 160 (+)  
Front wheel measurement and adjustment without attaching rear sensors  
Measures vehicles with front/rear spoilers by inclinating sensors:  
no need of extensions
- Simple vehicle adjustment  
Images of adjustment points  
Vehicle adjustment when lifted or with steered wheels, to access difficult adjustment points without losing sight of the screen  
Simultaneous view of all angles of the axle being adjusted, with zoom function
- Customer satisfaction  
Clear colour printouts of all pre- and post-adjustment measurements and of vehicle dimensions, personalised with customer informations

(§) compared to 10° or 20° caster swing

(+) compared to lifted runout



# Geofix 10.0 Light



## Lithium batteries: FORGET YOU EVEN HAVE THEM

Charge last 24 hours under normal use (\*)  
Longer battery life compared to previous technologies, 1 year guarantee  
Rechargeable, with no possible damages, each time the sensors are placed on cabinet  
No risk of interrupting the alignment operation: software pre-warns when batteries are due for recharge

(\*) May last longer or shorter according to actual use.



## Innovative BT<sup>2</sup> wireless communication: IMMEDIATE AND OBSTACLE-FREE CONNECTION

Evolution of Bluetooth technology  
Greater reliability, even over long distances and in difficult ambiental conditions  
Immediate detection and display on monitor of sensors status



## Featherweight sensors: ONLY 2.6 KG

Easier to handle  
Greater measurement accuracy thanks to reduced clamp strain



## Silicon accelerometer: SHOCK INSENSITIVE

Silicon microchip built using MEMS (Micro Electro Mechanical System) technology  
No moving parts ensure greater sturdyness



## Designed to fit large SUV tyres: NO EXTENSIONS REQUIRED

Suitable for tyres with external diameter up to 40", without extensions



## Simple and user-friendly software: MAKES WORK EASY

Step-by-step instructions guide the operator through the alignment process



## Brackets for multi-combination sensor and clamp assemblies: DON'T WASTE TIME DISMANTLING

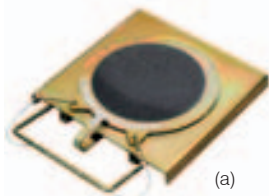
Sensors, together with any clamps and relative extensions, can be stored on the cabinet without any dismantling operations



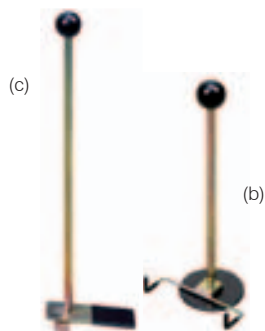
## Truck and bus wheel alignment: ECONOMICALLY AVAILABLE

Capable of aligning wheels of trucks (not trailers) and buses up to 7 axles (optional kit)  
Designed for wheelbases of over 12 metres, even in outdoor sun-exposed environments

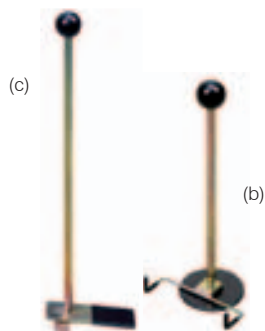
2 car turnplates (a)  
(weight capacity: 1,000 kg, height: 50 mm)



Steering lock covered with protective  
and anti-slip rubber (b)



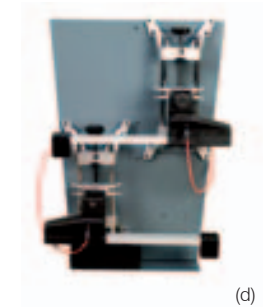
Brake pedal lock (c)



## Options

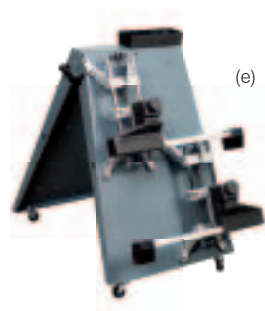
Cabinet dust cover ▶ 397000778

Adaptor for second monitor to provide  
an all-round view

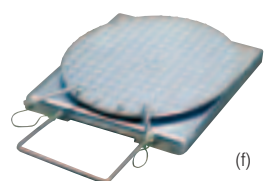


2 wall-mounted sensors bracket panels (d)  
▶ 46DW76361

Sensors bracket trolley (e) ▶ 46DW76359



2 truck and bus turnplates (f)  
(weight capacity: 3,500 kg per turnplate, weight: 38  
kg, height: 51 mm) ▶ 77F204965  
(included in truck and bus alignment kit)



Truck and bus wheel alignment kit, including:

- 2 truck and bus turnplates
  - 2\* or 4\*\* kits of clamp supporting arms, drop-down extensions, and 100 mm grips, for truck and bus tyres up to 50"
  - software and database
- ▶ 46DW84165 (\* for front axle alignment)  
▶ 46DW83821 (\*\* for total alignment)

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