GI620
GI620-W
INDICATORS
PORTABLE CARRY CASE

Reliability for axle and wheel weighing on the road or stations that require portability

GIROPES)
WEIGHIN SOLUTIONS

GI620

GI620-W

GI620
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INDICADORES PORTABLES CON PANTALLA LCD

Indicadores de peso para plataformas pesadoras portátiles

Keypad	Waterproof, alphanumeric with 12 keys and 7 operating keys
Input/Output	4 channels
	2 channels (GI620-W)
	1 output RS232 (standard)
	1 output USB (optional) for uploading/downloading data
Protection	IP54 (IP65 with closed case)
Display	LCD with 6 digits 27mm high and 14 segments for easy reading
Units	kg
Printer	Built-in thermal printer
Ticket	Fully configurable (GiManager)
Standardisation	CE-M approved (OIML R-76 / OIML R-134) *according to platform
Available firmware	Axle Weighing*
	Wheel Weighing
Power supply	230VAC
12Vdc Power supply	For car or external battery (accessories not included)
Battery	Rechargeable lithium. 7.4V-2.6Ah Battery life during intense use: 5 hours
Dimensions (mm)	425 x 390 x 165 (Case included)
Weight (kg)	5

* The GI620-W indicator only have option of firmware for axle weighing.

#2firmwares disponibles

GI620

GI620-W

WHEEL WEIGHING
*(*only for GI620 wire model)*

» The same number of platforms will be required as the number of wheels on the vehicle. Approved version with wheel and static weighing available.

» Max reading channels: 4 / Max platforms 8.

AXLE WEIGHING

» Two platforms will be required per axle, the sum of which will allow the weight of the vehicle to be obtained.

» Axle weighing can be manual or automatic (in a static or dynamic system).

FUNCTIONS

	WHEEL WEIGHING*	AXLE WEIGHING
» Zero control on all platforms.	✔	✔
» Weight display for each platform (static axle weighing).	✔	✔
» Axle Weight Display (Axle Weighing).		✔
» Display of the total number of platforms (up to 4 wheel weighing channels).	✔	✔
» Total weight of vehicle or vehicle and trailer.		✔
» Date and time programming (serial calendar clock).	✔	✔
» Calculation and printing of centre of gravity (on 2, 3 or 4 platforms) Coordinate or graphic display.	✔	
» Setting up print modes (via GiManager).	✔	✔
» Repeat ticket printing.	✔	✔
» List of weighed vehicles.	✔	✔
» List of weighed amounts.	✔	✔

I/O SECTION AND OPTIONS

» 1 RS232 serial output for PC.
» Wifi (optional).
» USB (optional) - for uploading/downloading data.
» Memoria Alibi (optional).
» Car charger (optional accessory).

LANGUAGES

» Spanish, Portuguese, French, English, Italian and German.

MEMORY

» 1000 weighings can be stored in memory.
» 4 free and editable codes with 400 records each.

METROLOGICAL SPECIFICATIONS

» Max. 10,000e or multirange / multiinterval 2 x 10,000e @ 0.3 µV/e in the CE-M approved version for legal use.
» Max. 1,000,000 divisions viewable for internal factory use, with internal resolution up to 2,000,000 points.
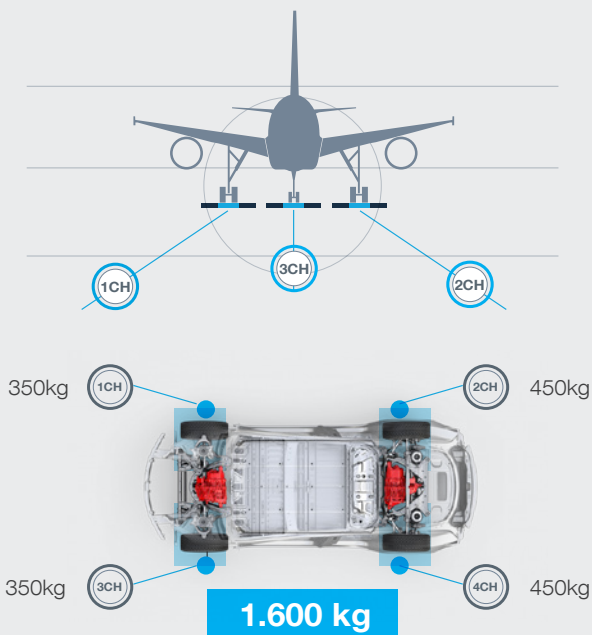
#vehicle weighing
operation

WHEEL TOTAL

Simultaneous weighing of all the wheels of the vehicle.

1CH   3CH   2CH

350kg 1CH   2CH 450kg

350kg 3CH   4CH 450kg

1.600 kg

WHEEL TOTAL

The result of the weighing of the whole vehicle is obtained in one single operation.

This involves weighing all the vehicle's wheels simultaneously. Therefore as many platforms as there are wheels are required.
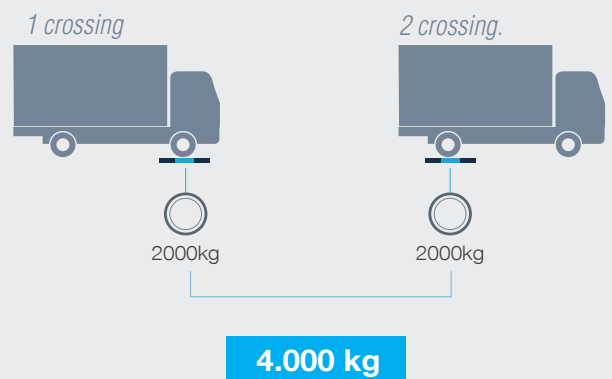
WEIGHING VEHICLES PER WHEEL

Wheel weighing is essential for the correct balance of the vehicle and safety during braking and acceleration of the vehicle or when going around bends.

AXLE TOTALS
STATIC WEIGHTS 0Km/h

Vehicle axle weighing.

1 crossing   *2 crossing.*

2000kg   2000kg

4.000 kg

AXLE WEIGHING

Axle weighing lets us know a vehicle's compliance in terms of maximum loads.
For accurate weighing, the difference in height of the other axles must be corrected, if necessary, depending on the vehicle, and compensated for.
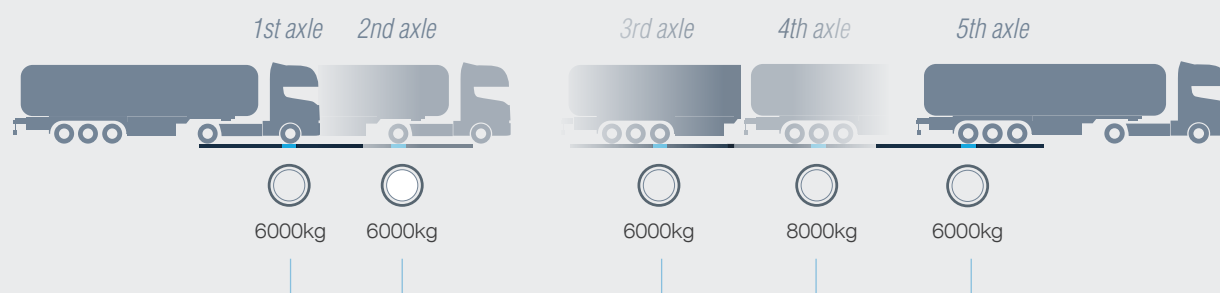
#balancing

FOR GOOD WEIGHING RESULTS, A LEVEL COMPENSATION ANALYSIS IS REQUIRED

With the mats we manage to align the wheels that are and are not in contact with the platform with that which we obtain a major precision during the weighing process.

The use 3-metre mats is recommended. The wheels that are less than 1m away from those in contact with the platform must be levelled to obtain the correct weight.

DYNAMICWEIGHING- AXLES 5Km/h

Vehicle axle weighing:

1st axle	2nd axle		3rd axle	4th axle	5th axle
6000kg	6000kg		6000kg	8000kg	6000kg

32.000 kg

#printing operation

» 4 header lines.
» Total weight of the vehicle.
» Number of weighing operations.
» Date and Time.
» Lists:
    » List of weighed vehicles.
    » List of weighed amounts.

ONLY FOR WHEEL WHEIGHIN FIRMWARE AND GI650
» Coordinates and barycenter graphic print option.
» Weigh of each platform and sum of any active combination at the time of the weighing.

#softwares para indicadores GI620

GIMANAGER
SOFTWARE PC

00:01

CONFIGURATION AND VISUALIZATION GI620 INDICATORS

MAIN FUNCTIONS:
» Search for indicators connected to a network or serial port
» Download firmware updates
» Management of basic configuration and firmware backups
» Configuration of indicator parameters (general, metrological and communication)
» Ticket configuration

Real-time display of weight of the scale

Folders system
» For exported configurations and firmware backups

Configuración del dispositivo
» Metrological parameters
» AD parameters
» Calibration parameters
» Communication setup
» Regional parameters

Requirements:
» OS Win 8 or Win 10
» Processor: 1GHz
» RAM memory: 2GB
» Disk space: 10GB

#GI620 PORTABLE INDICATOR

GIROPES

GESTRUCK
SOFTWARE PC, WEB & APP

» Allows the integration of all modules and access control devices.

SOFTWARE FOR IN-PLANT WEIGHT CONTROL

The software offers a complete control of the weighing operations of vehicles, with an easy to understand interface, and which facilitates, above all, the collection of the desired information with the maximum accuracy and quickness possible.

» Inventory control
» Management of storage areas
» Statistical analysis

It supports different installation structures: from the most basic one (only one working station) to complex installations of autonomous systems of weighing management.

DYNAMIC WEIGHING MODULE INCLUDED FOR GESTRUCK (PRO LICENSE)

GESDYN
SOFTWARE PC, WEB & APP

» Allows integrated all the modules and to access with the mobile devices.

SOFTWARE FOR WEIGHT CONTROL ON THE ROAD

» GesDyn is the software by Giropès used in high speeds dynamic weighing system for the detection and penalties in traffic.

» It includes a pre selection of vehicles, traffic statistics and data management. According to the parameters and classification of vehicles it will sanction or not the vehicle. The structure of the software enables its compatibility with third devices of hardware and software. It allows the adjustment of its application in different situations. It also enables to work with peripherals of control of Access and vehicles positioning.

» GesDyn is the penalty system ready to cater the most demanding and different types of needs, respecting the accuracy, reliability and characteristics of the software.

» It also gives to the user the possibility to control the traffic of one or more roads.

GI620/
GI620-W

RS232

*GI620 and GI620 Wireless indicators connection with Pc request RS232.

GIROPES
WEIGHIN SOLUTIONS

GI620
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Portability & flexibility

#codes

GI620 INDICATOR	#Code
LCD GI620 indicator with case	210268
LCD GI620-W indicator with case	210268-05

FIRMWARE	#Code
Wheel weighing (*only for model GI620)	330006
Axle weighing	330007

STANDARD COMMUNICATIONS	
RS232 x 1	-

OPTIONS	#Code
Wifi	-
Alibi Memory	220008
USB for GI620	#-08
USB for GI620-W	#-09

PC SOFTWARE	
Gimanager (*Download from the web)	

GESTRUCK SOFTWARE	#Code
Software GESTRUCK PRO	280078

MODULES AND CONFIGURATION OF PERIPHERALS TO BE DEFINED

CONSULT FOR CLOUD OPTIONS

GESDYN SOFTWARE	#Code
GESDYN PRO Software (Traffic Detection and Penalty)	280094
GESDYNWEB Web Platform	280079
*GesDynWeb needs maintenance and hosting (consut)	
GESDYN CLOUD PLATFORM (annual price)	280080

CONSULT WHEEL WEIGHING PLATFORMS CATALOGUE