

AF08

"AF08": SOFTWARE FOR 3590E INDICATORS FOR WHEEL WEIGHING SYSTEMS WITH VARIOUS PADS

## WHEEL WEIGHING SYSTEMS



Suitable for creating wheel weighing and static axle weighing systems, or to weigh objects with various resting points. Ideal for weighing and calculating the centre of gravity coordinates of the vehicles, trucks, airplanes, containers, etc. Simultaneous

display of the  
weight of  
each  
connected  
pad and of  
the sum.  
CE-M  
approved  
(OIML R-76 /  
EN 45501).

**The best solution  
for advanced industrial  
applications**

## FUNCTIONS

- Clearing cycle of all the connected pads.
- Wheel weighing multi scale functioning mode, with up to 16 connectable 350-Ohm load cells and up to 4 independent reading channels available (for 4 pads).
- Static axle weighing functioning mode, up to 2 reading channels, with manual acquisition of the weight of each axle through dedicated key.
- Calculation of the x and y coordinates of the centre of gravity (for wheel weighing mode).
- Cancellation of the last weigh made.
- Quick selection of the number of active reading channels of the weight (up to 4, independent), for configuring the instrument depending on the number of resting points of the vehicle to be weighed.
- 3 zeroable total levels and printable in an independent way:
  - vehicle total
  - vehicles' total
  - grand total.
- Semi-automatic tare (for wheel weighing mode).
- Presetable tare, subtracted from the sum weight of the single wheels in the wheel-weighing mode or from the total weight of the vehicle in the axle-weighing mode.
- Selection of displayed data on the graphic LCD display (totals, progressives, weight...).
- Simultaneous display of the weight on each pad (up to 4 independent channels) and of the total weight.
- With the touch screen indicator model 3590ETKR2G4, it is possible to visualize simultaneously the weight of 8 wheels (8 WWSxx2G4 platforms), with archives management and calculation of the center of gravity, or the weight of 8 axles (8 couples of WWSxx2G4 platforms).
- Completely configurable keyboard functions according to the customers' needs.
- 15 configurable and printable text ID`s containing 32 characters, for example: Code, lot ID, operator ID, shift number, etc.
- Database of 500 storages, with programmable modification password, each composed of 5 alphanumeric descriptions, for vehicle, client, or material management.
- Programmable printout from keyboard or from PC (through the free Dinitools.net software) of 30 print formats linkable to various functions; each print format may contain up to 2048 positions which may be ASCII codes or preconfigured print blocks (i.e. Company name, weight of each pad or axle, total weight, centre of gravity coordinates, etc.).
- Alibi memory for automatic storage of the total weight of the vehicle (only for wheel-weighing mode).
- Print and display list of last 3500 vehicles (in wheel weighing mode) or 3500 axles (in axle weighing mode), with possibility of cancellation.

## APPROVAL WITH CE-M SERIES PAD

- The weight of the single pad is legal for trade.
- The total weight of the vehicle is legal for trade depending on the application:
  - The wheel weighing systems, with a number of pads equal to the number of vehicle's wheels, are approved, because the weight of the vehicle is determined in only one weigh.
  - The axle weighing systems are for internal use only.

## Ticket example

LINE 1 HEADER  
LINE 2 HEADER  
LINE 3 HEADER  
....  
Vehicle: IVECO  
REGISTRATION: 123456  
PLATE: AB123CD  
OPERATOR: ALESSIO  
DATE: 10/10/2010 TIME 14:00

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WHEEL 1:	550kg
WHEEL 2:	550kg
AXLE 1:	1100kg
WHEEL 3:	550kg
WHEEL 4:	550kg
AXLE 2:	1100kg
TOTAL	2200kg

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CENTRE OF GRAVITY

$x_g$	1,74 m
$y_g$	1,87 m

## "DINITOOLS": SOFTWARE FOR QUICK CONFIGURATION OF THE INSTRUMENT

- Thanks to Dinitools, the programming of the set-up and of the databases as well as the customisation of the printouts according to the customer specifications will be quicker and easier.
- Dinitools also simplifies the creation of new weighing systems and allows to quickly restore the original configuration.



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