"3590EGT8" 8 inches Touch Screen weight indicator

IDEAL FOR DIGITAL APPROVED WEIGHBRIDGES

- The 3590EGT indicator with AF03GT firmware manages the most common digital load cells for weigh bridges, even for CE-M approved applications:

  Dini Argeo RCPTD
  Dini Argeo RCD
  Rice Lake RL5416D/RL5426D
  Sensocar SP/CS
  Scaime CB50X-DL
  Flintec RC3D
  HBM C16i (requires HBM junction box and RS422\RS485 converter)
  Zemic DM-B4110, DM-B4310, DM-B4311,DM-E5310

  For a complete list of compatible loads cells, please see the AF03GT Technical Manual.

  For efficient handling and optimal protection of digital load cells, we recommend the use of the DIGIKIT option..

Weight indicator with 8 inches touch screen display. New IP68 housing with adjustable viewing angle brackets. Integrated LED control light on the front panel and Integrated Ethernet port as standard. The 3590EGT8 indicator, in addition to the standard weighing programs that are available also has a development environment for specific applications with an integrated debugger and programming tools for the PC. Thanks to the completely customizable screen layouts it can display all the weighing data, database records and free texts, this considerably simplifies the user operations. CEM approvable (OIML R76/EN 45501).

TECHNICAL FEATURES

- **8 inches (160x120mm) resistive backlit color touch screen graphic display.** Suitable for use with gloves.
- Stainless steel case with adjustable inclination and **IP68** protection.
- Multilingual software, available in: Italian, English, German, French and Spanish. It is also possible to enter our own translation, thanks to the **new software "CUSTOM LANGUAGE TOOL"**, downloadable from the DOWNLOAD section of this page.
- 3 colour high brightness LED control light.
- Available touch screen keyboards: QWERTY, AZERTY or QWERTZ.
- Dimensions (lxwxh): 328x243x129 mm.
- As standard fitted with an adjustable bracket, for bench or wall mounting.
- Real time clock and permanent data storage.
- Supplied with alibi memory, integrated on the motherboard.
- Slot for internal micro SD (optional) to store logos.
- **Functions available with DINITOOLS Utility Software, even from remote (WEBSERVER mode via internet).**
  - Configuration, data entry and print formatting.
  - Transmission and storage of all the information on PC.
  - Complete backup of the configuration.
  - Instrument calibration with numeric values (theoretical calibration).
  - Customization of the layouts.
  - **Development environment for custom programs through specific programming language.**
- 24bit A/D converter, 4 channels, up to 3200 conv./sec. with autoselect and up to 8 signal linearization points.

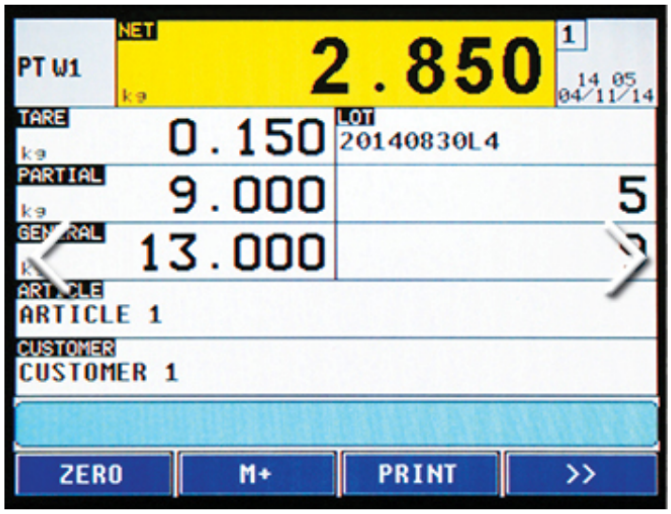
01684 561 002
sales@positiveweighing.co.uk
positiveweighing.co.uk

Unit 8 The Clifton Centre
Spring Lane South
Malvern
WR14 1BJ

Company Registration No. 6442820
VAT No. 924913418

CUSTOMIZABLE SCREENS

- Thanks to the customizable touch screen display, it is possible to create suitable interfaces for any application:



- The PC software **"Dini Display Tool"** allows the quick customization of the TOUCH display.

- 4 independent analogue channels (up to 2 in the EAF03 version).
- Connectable with up to 16 analogue load cells of 350 Ohm (45 load cells of 1000 Ohm) and with the main digital load cells available on the market (in the EAF03 version).
- Management of the most common digital load cells for weigh bridges (with DIGIKIT option and AF03GT firmware), also for applications with CE-M approval.
- Up to 10.000e OIML or 3 x 3000e @ 0,3 µV/d in approved version CEM.
- Up to 1.000.000 displayable divisions for internal factory use, with internal resolution up to 3.000.000 points.
- Connectable to printers and labellers with free programming of the printout formats.
- 110-240 Vac power supply or external rechargeable battery pack (optional).
- Motherboard with removable screw terminals.

MAIN CERTIFICATIONS

- EU Type Examination Certificate (45501:2015)
- OIML R76
- OIML R51 - MID
- OIML R134 (AF09)

CUSTOMISED APPLICATIONS

- Thanks to the integrated development area, fully customized applications can be created autonomously:
  - Specific weighing programmes according to customer requirements
  -Customized weighing programmes for terminal replacement in preexisting systems
  - Wizards, operator messages.
  - Serial port management, protocols customization.
  -Digital I/O full management.
  - Sequential or simultaneous automations.
  - Data entry, custom archives.

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POSITIVE
WEIGHING SOLUTIONS

I/O SECTION

- **1 internal Ethernet port as standard, to connect to the company network.**
- 1 RS232 serial port on RJ45 connector (if activated, it deactivates the Ethernet port) for connection to printer, PC, PLC, radio module and optional interfaces.
- 1 RS232 serial port on screw terminals for connection to printer, PC, radio module and optional interfaces.
- 1 RS232/RS485 serial port on screw terminals, for connection to weight repeater, remote scale, badge reader or digital load cells.
- Fitted keyboard emulation input, for barcode/badge readers or external PC keyboard, through cable with mini DIN connector (optional).
- 4 optoisolated outputs, expandable up to 16 with optional board.
- 2 optoisolated inputs, expandable up to 8 with optional board.
- External Profibus interface (optional), for automation management.
- Modbus RTU Interface.
- Optional Bluetooth connection, for quick wireless programming of databases, through PC, smartphone or tablet.
- Analog output DAC16O needs the expansion board IOEXPB.

APPLICATION SOFTWARE

- AF01: Totalization and formula weighing (integrated)
- AF02: Pieces/quantity counting (optional)
- AF03: Weighbridges - Input/Output vehicle (optional)
- AF04: Statistical checking of prepackaged goods (optional)
- AF05: Price compunting and industrial labelling (optional)
- AF08: Wheel and axle static weighing with 2 or various platforms (optional)
- AF09: Software for dynamic and static axle weighing with 1 or 2 platforms (optional)
- BATCH1: Single product dosage systems in loading and unloading (optional)
- BATCH: Software for multicomponent dosage systems in loading and unloading (optional, IOEXPB board must be included)

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