DINI ARGEO
Scales - Weighing systems

# 3590ETB

## 3590ETB "TOUCH": Panel Touch Screen weight indicator




Panel digital weight indicator with a big touch screen display, suitable for advanced industrial applications. It allows the visualization of all the weighing data and the customization of the screens, simplifying the user operations. Fitted with 3 serial ports, transmission protocols for data communication, completely configurable printouts, integrated alibi memory, and port for connection to barcode/badge reader. CE-M approvable (OIML R-76 / EN 45501).

The best solution
for advanced industrial
applications

## MAIN FEATURES

- Backlit graphic display with touch screen technology, lxh= 120x90mm size. Screens completely customizables.
- Multilanguage software.
- Selectable QWERTY, AZERTY o QWERTZ keyboard integrated in the touch screen, selectable.
- Frontal panel with high level mechanical characteristics:
  - Waterproof front panel, ideal for wet environments.
  - Easy and fast to clean thanks to the scratchproof smooth surface.
  - Electrical isolation against electrostatic discharge.
  - Suitable for food contact (physiologically inert).
  - Suitable for particularly arduous working conditions.
  - High resistance against accidental damage.
  - Fitted with waterproof washer.
- IP65 frontal protection.
- Stainless steel protection enclosure, with 7 fixing points for maximum integrity against water and dust.
- Overall dimensions: 265x175x90 mm.
- Drilling template: 233x161mm.
- Real time clock and permanent data storage.
- Fitted alibi memory, integrated on the motherboard.
- Slot for built-in micro SD for recording logos (upon request).
- Functions available with DINITOOLS utility
  - Configuration, data entry and print formatting.
  - Recording and filing of all the information on PC.
  - Complete retrieval of the configuration.
  - Instrument calibration with numeric values.
  - Customization of the screens.
- 24-bit A/D converter, 4 channels, up to 3200 conv./sec. and up to 8 signal linearisation points.
- 4 independent analogue channels (up to 2 in the E-AF03 version) for reading of the weight.
- Connection 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 (mod. E-AF03).
- Up to 10.000e OIML or 3 x 3000e @ 0,3 µV/d CE-M legal for trade.
- 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 programmation of the printout formats.
- 110-240 Vac power supply.

## MAIN CERTIFICATIONS

- EC Type Approval (EN45501)
- OIML R76
- OIML R51 - MID
- OIML R134 (AF09)

## 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: Management of wheel and axle weighing systems (optional)
- BATCH1: Single product dosage systems in loading and unloading (optional)

## CUSTOMISED APPLICATIONS

Thanks to our integrated development, you can create complete customised applications in autonomy:

- wizards, operator messages
- serial port management, protocols customization
- digital I/O full management
- sequential or simultaneous automations
- data entry, custom archives

Dini Argeo can offer the service of custom development programs.

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