

## 3590ET

3590ET "TOUCH": Touch Screen weight indicator for industrial applications



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, l<sub>xh</sub>= 120x90mm size. Screens completely customizable.
  - Multilanguage software.
  - QWERTY, AZERTY o QWERTZ keyboard, selectable.
  - ABS waterproof enclosure, with new IP65 protection system (IP40 on version with thermal printer).
  - Dimensions: 278x125x186 mm.
  - Suitable for use on the table, column, or wall.
  - 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 DINI TOOLS 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).
- Specific version available, which provides the management of the most common digital load cells for weigh bridges (models 3590ETD and 3590ETD8).
- Up to 10.000e OIML or 3 x 3000e @ 0,3 μV/e 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 programming of the printout formats.
  - 110-240 Vac power supply.

## MAIN CERTIFICATIONS

- EU Type Examination Certificate (45501:2015)
- OIML R76
- OIML R51 - MID
- OIML R134 (AF09)
- NMI S788 certificate

## 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 computing 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)

## 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.

## DETAIL 1



3590ETP



“YOUR WORLDWIDE PARTNER FOR WEIGHING,”

**DINI ARGEO**  
**FRANCE sarl**  
France

**DINI ARGEO**  
**GMBH**  
Germany

**DINI ARGEO**  
**UK Ltd**  
United Kingdom

**DINI ARGEO WEIGHING**  
**INSTRUMENTS Ltd**  
China

**DINI ARGEO**  
**OCEANIA**  
Australia



**COMPANY HEADQUARTERS**

Via Della Fisica, 20  
41042 Spezzano di Fiorano Modena • Italy  
Tel. +39.0536 843418

**SERVICE ASSISTANCE**

Via Dell'Elettronica, 15  
41042 Spezzano di Fiorano Modena • Italy  
Tel. +39.0536 921784



**SALES AND TECHNICAL ASSISTANCE SERVICE**