

3590ETD TOUCH SCREEN INDICATOR



Main Features

- Power supply unit specifically for digital load cells.
- Protection board for power supply circuit and communication between digital load cells and self-resetting Surge Arresters..
- Backlit graphic display with touch screen technology, 1xh= 120x90mm size. Screens completely customizable.
- Multilanguage software.
- QWERTY, AZERTY or 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 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).
- Management of the most common digital load cells for weighbridges, also CE-M approved applications.
- Up to 10.000e OIML or 3 x 3000e @ 0,3 μ V/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.

Customised Applications

We 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

Weight indicator which is suitable to manage digital load cells for weighbridges. It allows the visualization of all the data related to the weighing and the personalization of the screens, greatly simplifying the operations of the user. Equipped with 3 serial ports, Ethernet port, transmission protocols for data communication, fully configurable printouts, integrated alibi memory and input for barcode/badge reader. CE-M approved (OIML R-76 / EN 45501).

Application Software For Weighbridges

- The indicator is equipped as standard with application program AF03GT, specific for weighbridges.

Main Certifications

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

I/O Section

- 2 RS232 serial ports, for connection to printer, PC or PLC, radio module and optional interfaces.
- 1 RS232/RS485 serial port, for connection to printer, 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 (optional).
- 2 optoisolated inputs (optional).
- External Profibus interface (optional), for automation management.
- Modbus RTU Protocol.
- Optional Bluetooth connection, for quick wireless programming of the activities and the formulas, through PC, tablet or smartphone.

Completely Customizables Screens

- Programmable Touch Screen Display, can create custom-made interfaces for any application:

