

3590EXP "ENTERPRISE": WEIGHT INDICATOR FOR ADVANCED INDUSTRIAL APPLICATIONS, in ABS IP65



3590EXP weight indicator



3590EXP: Version with attached printer.

High performance digital weight indicator, with 3 serial ports, transmission protocols for data communication, completely configurable printouts, integrated alibi memory, graphic display and port for connection to barcode/badge reader. The wide range of connectable accessories and printers guarantees the maximum interfaceability and versatility. CE-M approvable (OIML R-76 / EN 45501).

MAIN FEATURES

- 25-key alphanumerical waterproof keyboard.
- Highly efficient red led display with 6 digits 15mm high.
- **Backlit LCD graphic 25x100mm display.**
- Synoptic bar graph with 16 bright LEDs showing the active functions.
- Easy to clean **ABS waterproof IP65** enclosure; resistant to harsh and corrosive environments (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.
- **Functions available with DINITOOLS utility**
 - Configuration, calibration, data entry and print formatting.
 - Recording and filing of all the information on PC.
 - Complete retrieval of the data saved for quick substitution.
 - Instrument calibration with numeric values.
- Selection of the programme language directly in the set-up.
- 24-bit A/D converter, 4 channels, up to 3200 conv./sec. and up to 8 signal linearisation points.

I/O SECTION

- 2 RS232 serial ports, for connection to printer, PC or PLC, radio module, and optional interfaces.
- 1 RS232 serial port (**optional RS485**), for connection to 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 (**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.
- 4 independent analogue channels (up to 2 in the E-AF03 version, 1 in the E-AF09 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 μ V/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.
- Power supply:
3590E version: 12 Vdc via external power supply.
All other versions: 110-240 Vac and built-in rechargeable battery.
- Connectable to printers and labellers with the command drivers.
- Available in "P" version, fitted with attached printer as standard.

MAIN CERTIFICATIONS

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

APPLICATION SOFTWARE

- **AF01**: Totalization and formula weighing
- **AF02**: Pieces/quantity counting
- **AF03**: Weighbridges - Input/Output vehicle
- **AF04**: Statistical checking of prepackaged goods
- **AF05**: Price computing and industrial labelling
- **AF08**: Wheel and axle static weighing with 2 or various platforms
- **BATCH1**: Single product dosage systems in loading and unloading