

## 3590EXT

3590EXT "ENTERPRISE": WEIGHT INDICATOR FOR INDUSTRIAL APPLICATIONS, in STAINLESS STEEL IP68



High performance digital weight indicator, with programmable inputs and outputs, 3 serial ports, transmission protocols for data communication, completely configurable printouts, integrated alibi memory 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 alphanumeric 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 STAINLESS STEEL waterproof IP68 enclosure; resistant to harsh and corrosive environments.
- Dimensions: 264x115x174 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.
- Easy Excel data entry: the indicator communicates directly with the active Windows application (electronic spreadsheet, word processor, database).
- 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.
- 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  $\mu$ 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.
- Connectable to printers and labellers with the command drivers.
- 110-240 Vac power supply; built-in rechargeable battery for use in prolonged absence of the power mains (not available on the "IO" versions, with 16 outputs and 8 inputs).

## I/O SECTION

- Two RS232 serial ports, for connection to printer, radio module, PC or PLC, badge reader or remote scale, with management of the CTS signal.
- One RS232/RS485 serial port, for connection to printer, PC, PLC, 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 (16 in the IO versions).
- 2 optoisolated inputs (8 in the IO versions).
- Infrared ray input for optional remote control.



- External Profibus interface (optional), for automation management (depending on the software program).



Optional Bluetooth connection, for quick wireless programming of the activities and the formulas, through PC or PDA.

## OPTIONS

- Attached thermal printer option box
- Attached control light option box
- Attached memory data printer option box
- Attached memory data printer and printer option box
- External radio modem 868MHz option box
- USB / Ethernet / Wi-Fi / Bluetooth interface
- Analogue output with D/A converter at 16 bit, 0-10Vdc, 0-20mA, 4-20mA (only for IO versions)
- Infrared remote control or 433MHz radiofrequency remote control, with customizable functions of keys



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