DINI ARGEO
Scales - Weighing systems

3590EQ

3590EQ "QWERTY": EVOLVED WEIGHT INDICATOR WITH INTEGRATED QWERTY KEYBOARD



High performance digital weight indicator with integrated QWERTY keyboard that simplifies texts and archives compilation. Fitted with 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).

OIML CE M IP65

Working in cooperation with:

SC DATA SPEED SRL

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The best solution
for advanced industrial
applications

MAIN FEATURES

- 59-key QWERTY and functional alphanumerical waterproof keyboard.
- Highly efficient BLU LED display with digits 15mm high. Configurable screens.
- Blue backlit LCD graphic 25x100mm display.
- Easy to clean ABS waterproof IP65 enclosure; resistant to harsh and corrosive environments.
- Dimensions: 279x124x187mm.
- 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.
- 2 independent analogue channels 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.
- 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 the command drivers.
- 110-240 Vac power supply; built-in rechargeable battery for use in prolonged absence of the power mains.

MAIN CERTIFICATIONS

- EC Type Approval (EN45501)
- OIML R76

I/O SECTION

- 2 RS232 serial ports, for connection to printer, PC or PLC, radio module and optinal interfaces.
- 1 RS232 serial port (optional RS485), for connection to weight 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 or tablet.

DETAIL 1



DETAIL 2



3590EQP: Version with integrated printer

www.diniargeo.com



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Taunton - United Kingdom

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ATEX

ISO 9001:2008

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SALES AND TECHNICAL ASSISTANCE SERVICE