

3590ED

3590ED "COLOUR": EVOLVED WEIGHT INDICATOR WITH 40mm DISPLAY



Digital weight indicator, with high performance 40mm RGB and very intense bright display, for a clear visibility in any environment, indoor or outdoor, thanks to colour and brightness freely configurables. 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).

**The best solution
for advanced industrial
applications**

MAIN FEATURES

- 25-key alphanumeric waterproof keyboard.
- Very intense bright dot LED RGB, h=40mm, with intensity and colour quickly configurable through the keyboard.
- Backlit LCD graphic 25x100mm display.
- Easy to clean STAINLESS STEEL waterproof IP68 enclosure; resistant to harsh and corrosive environments.
- Dimensions: 280x132x185 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.
- 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/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 the command drivers.
- 110-240 Vac power supply.

MAIN CERTIFICATIONS

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

APPLICATION SOFTWARE

- AEQ1: Totalization and formula weighing
- AEQ2: Pieces/quantity counting
- AEQ3: Weighbridges - Input/Output vehicle
- AEQ4: Statistical checking of prepackaged goods
- AEQ5: Price computing and industrial labelling
- AEQ8: Wheel and axle static weighing with 2 or various platforms
- AEQ9: Dynamic and static axle weighing with 2 platforms
- BATCH1: Single product dosage systems in loading and unloading

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.

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, tablet or smartphone.

DETAIL 1





“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