# DINI ARGEO
## Scales - Weighing systems

# 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).

OIML  CE M  IP68  INOX

The best solution
for advanced industrial
applications

## MAIN FEATURES

- 25-key alphanumerical 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 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.

## MAIN CERTIFICATIONS

- EC Type Approval (EN45501)
- 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 compunting and industrial labelling
- AF08: Wheel and axle static weighing with 2 or various platforms
- AF09: 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:
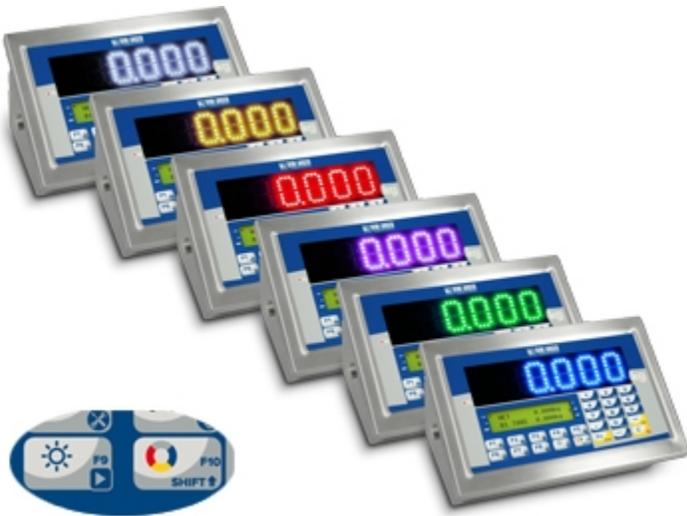
- wizards, operator messages
- serial port management, protocols customization
- digital I/O full management
- sequential or simultaneous automations
- data entry, custom archives

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 | DINI ARGEO | DINI ARGEO | DINI ARGEO WEIGHING | DINI ARGEO |
|---|---|---|---|---|
| FRANCE sarl | GMBH | UK Ltd | INSTRUMENTS Ltd | WEIGHBRIDGES |
| Nogent-sur-Marne | Sinsheim - Germany | Taunton - United Kingdom | Shanghai - China | Calto (RO) – Italy |

**DINI ARGEO**
**Scales - Weighing systems**

**HEAD OFFICE**
Via Della Fisica, 20
41042 Spezzano di Fiorano   Modena - Italy

*SC DATA SPEED SRL*

*STR DONATH N. 115/33 - 400331 - JUD. CLUJ*

*Tel. 0040-264566473   Fax. 0040-364-815440*

*office@cantare.com.ro*

*SALES AND TECHNICAL ASSISTANCE SERVICE*