

3590EKR

3590EKR "ENTERPRISE": WEIGHT INDICATOR WITH TRANSPORT CASE FOR INDUSTRIAL APPLICATIONS



Multifunction high performance digital weight indicator in Rack version, complete with 4 connectors for linking the platforms, built-in rechargeable battery with charger, and case. Particularly suitable for mobile weighing applications. CE-M approvable (OIML R-76 / EN 45501).

**The best solution
for advanced industrial
applications**

MAIN FEATURES

- ABS transport case, with housing for the indicator and space for extra accessories.
- 3590EXP series indicator fit in a metallic rack type involucre with dimensions of 270x440mm, complete of housing for optional printer, connector
- Dimensions: 325x460x170 mm. Weight: about 5 kg.
- 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.
- Permanent time/date and data storage.
- Fitted with alibi memory.
- Functions available with the DINITOOLS utility:
 - Configuration, calibration, data entry and print formatting.
 - Recording and filing of all the information on PC, complete with the calibration data of each instrument.
 - 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.
- Up to 10.000e OIML or 3 x 3000e @ 0,3 $\mu\text{V/e}$ 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.
- Fitted with 4 connectors for connection up to 4 platforms with AF08 software (up to 2 with AF03, 1 with AF09).
- Connectable with up to 16 analogue 350-Ohm (or 45 1000-Ohm) load cells.
- Connectable with the main digital load cells available on the market.
- Built-in rechargeable battery (10-hour minimum operating time) with fitted external 12 Vdc / 230 Vac adapter.
- All versions are fitted with attached thermal printer.

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
- AF09: Dynamic and static axle weighing with 2 platforms

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

- Available on panel:
 - One RS232 serial ports, for connection to PC, on 9-pole connector.
- Available on internal side:
 - Two RS232 serial ports, for connection to printer, PC or PLC, radio module, and optional interfaces.
 - One RS232 serial port (optional RS485), for connection to repeater, remote scale, badge reader.
 - Fitted keyboard emulation input, for barcode/badge readers or external PC keyboard.
 - 4 optoisolated outputs (optional).
 - 2 optoisolated inputs (optional).

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