

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



3590EKR indicator complete with battery and transport case.

I/O SECTION

- **Available on panel:**

- One RS232 serial ports, for connection to PC, on 9-pole connector.

- **Available on internal side:**

- One 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;
- Up to 4 optoisolated outputs;
- Up to 2 optoisolated inputs;
- Infrared ray input for optional remote control.

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).

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, connectors for platforms, and serial output on 9-pole 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.
- **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.
- Up to 10.000e OIML or 3 x 3000e @ 0,3 μ 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.
- Fitted with 4 connectors for connection to 4 platforms (**up to 2 in the 3590EKR03P model, up to 1 in the 3590EKR09P model**).
- 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, recharge in 8 hours) with fitted external 12 Vdc / 230 Vac adapter.
- **All versions are fitted with attached thermal printer.**

OPTIONS ONLY AVAILABLE AT TIME OF ORDER

- 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
- Infrared remote control or 433MHz radiofrequency remote control, **with customizable functions of keys**

Available versions

Code	Description
3590EKR01P	Weight indicator in the "AF01" version for totalization and dosage systems, with printer, transport case, 25-key keypad, LED display and backlit graphic LCD display.
3590EKR02P	Weight indicator in the "AF02" for quantity (pieces, litres, etc.) counting systems, with printer, transport case, 25-key keypad, LED display and backlit graphic LCD display.
3590EKR03P	Weight indicator in the "AF03" version for vehicle weighing systems, with printer, transport case, 25-key keypad, LED display and backlit graphic LCD display.
3590EKR04P	Weight indicator in the "AF04" version for statistical check of prepackaged goods, with printer, transport case, 25-key keypad, LED display and backlit graphic LCD display.
3590EKR05P	Weight indicator in the "AF05" version for industrial price computing, with printer, transport case, 25-key keypad, LED display and backlit graphic LCD display.
3590EKR08P	Weight indicator in the "AF08" version for wheel weighing systems or axle weighing systems, with printer, transport case, 25-key keypad, LED display and backlit graphic LCD display.
3590EKR09P	Weight indicator in the "AF09" version for dynamic or static axle weighing systems, with printer, transport case, 25-key keypad, LED display and backlit graphic LCD display.

Options only available at time of order

Code	Description
KCEM	Kit of plates and Welmec form for the approval of the system for legal for trade use, for each provided platform/weighing system, connected to Dini Argeo indicator.
SWM	WeiMonitor PC program for monitoring and recording in real time all the weighs executed on the connected scale.
OMMC	Memory data printer for mounting on weight indicator in rack version, with connection cable, memory card, power supply from weight indicator.
USBCKR	Built-in USB port kit inside the indicator with transport case, complete of USB key for PC, with 2GB storage.
DFTL12	Infrared remote control, with 19 keys, for use up to 8 m of distance.
TLR	433MHz radio frequency remote control, with 6 keys, for use up to 50 m of distance, in appropriate environmental conditions.
BLTH	Bluetooth interface integrated with the instrument, for wireless connection to the portable PC or PDA.
USBMB	USB interface, as an alternative of the standard connector RJ, for quick connection of the indicator to PC.
USBCABMB	USB cable, 1m long, for connection between indicator and PC (for USBMB interface).
RFITR	Integrated 868 MHz radio frequency module on the indicator, complete of RS232 port. Max. functioning

distance in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. Up to 50 configurable channels.

WIFIT	Integrated WI-FI interface for wireless connection (through access point) to the company computer system.
ETH	Integrated Ethernet interface with speed from 10 to 100 Mbps, TCP, UDP, IP, ARP, ICMP, Ethernet Mac protocols.
ETHCBRJ	Ethernet cable 1,5 m long, for connection between indicator and PC network. Made up of fairlead.
RSCBKRPC	RS232/C serial cable l= 1,5 m, for the connection of the weight indicator in Rack version to PC, made up of 9-pole female connector on PC side and 9-pole male connector on indicator side.
KBCBCE	Cable with MINI DIN connector for PC keyboard or badge/barcode reader.
PRNSERV	Custom-made printouts of up to 4 print formats, for OBTPR../OBMMC/OBMDP/TM295/LX300 printers. NET PRICE
APRNSERV	Custom-made printouts of up to 4 print formats, for LP542S/SMTPLUS labellers. NET PRICE
TECSUP	Technical assistance by telephone or at our premises for instrument configuration and printout formatting. NET HOURLY PRICE.

Accessories

Code	Description
PCKBRD	QWERTY PC keyboard. It needs a mini DIN cable.
UKPLUG	Power adapter from Schuko to BS1363.
TECMAN	Printed technical manual (free, if downloaded from the web). NET PRICE.