

"3590XT": WEIGHT INDICATOR FOR INDUSTRY, IN IP68 STAINLESS STEEL



3590XT: weight indicator for industry (with optional remote control)

Versatile and high performing weight indicator. Some of its main features are: programmable inputs and relay outputs, up to 3 serial ports, transmission protocols, and completely configurable printouts. The 3590XT offers a wide range of versions for industrial weighing: totalisation and formulation, counting, input/output weighing, industrial labelling, statistical control and dosage. The wide range of accessories and connectable printers guarantee the utmost interfaceability and versatility. CE-M approvable (OIML R-76 / EN 45501).

MAIN FEATURES

- 24-key alphanumeric waterproof keyboard.
- Highly efficient red LED 6 digits 15mm display.
- **Large alphanumeric backlit LCD display** with 2 lines of 16 char. each. 9 mm.
- Synoptic bar graph with 16 bright LEDs showing the active functions.
- Easy to clean STAINLESS STEEL **waterproof IP68** enclosure built to withstand harsh washdown and corrosive environments.
- Dimensions: 278x130x186 mm.
- Suitable for use on the table, column, or wall.
- Real time clock and permanent data storage.
- **Functions available with DINITOOLS:**
 - Configuration, calibration, data entry and print formatting.
 - Saving and filing of all the information on PC.
 - Complete retrieval of the data saved for quick substitution.
 - Instrument calibration with numeric values.
- **Easy Excel data entry:** transmission of weight data and database fields to PC, with operating system Windows XP Professional, without any added software. The indicator communicates directly with the active Windows application (electronic spreadsheet, word processor, database).
- 24-bit A/D converter, 4 channels, up to 200 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.
- Power supply 110-240 Vac; built-in rechargeable battery for using in extended absence of net voltage.
- **Manages up to 4 independent scales (up to 2 for the 3590XT03 model).**
- **Connectable with up to 8 350-Ohm load cells or up to 20 1000-Ohm cells.**
- **Connectable to printers and labellers with fitted drivers.**

I/O SECTION

- Configurable full-duplex RS232/C port for connection to printer, labeller, or with other external units.
- Configurable full-duplex RS232/C port (optionally RS485, RS422, USB, Ethernet) for PC, PLC; complete with RJ connector.
- Third serial port (optionally).
- Input for PC keyboard (optionally).
- Three 0.5A 48 Vac / 1A 24 Vdc relay outputs (NO or NC) which may be configured as programmable weight thresholds or as +/- check.
- 2 optoisolated inputs configurable as remote function keys.
- IR input for remote control.

OPTIONS ONLY AVAILABLE AT TIME OF ORDER

- Attached thermal printer option box
- Attached control light option box
- Attached radio modem 868MHz option box
- Attached memory data printer option box
- Attached memory data printer and printer option box
- RS485 interface
- RS422 interface
- USB interface
- Ethernet interface
- Wi-Fi interface
- Alibi memory
- Third RS232 serial port for remote scale or repeater management
- Input for PC keyboard or barcode reader (not for 3590XP model)

Available versions

Code	Description
3590XTBC	3590 XT weight indicator, in multifunction version for industrial automation; IP68 STAINLESS STEEL case.
3590XT01BC	3590 XT weight indicator, with "AF01" version for Totalisation and dosage systems; IP68 STAINLESS STEEL case.
3590XT02BC	3590 XT weight indicator, "AF02" version for Quantity (pieces, litres, etc.) Counting systems; IP68 STAINLESS STEEL case.
3590XT03BC	3590 XT weight indicator, with "AF03" version for Vehicle weighing systems; IP68 STAINLESS STEEL case.
3590XT04BC	3590 XT weight indicator, with "AF04" version for systems with Statistical control of Prepackaged goods; IP68

STAINLESS STEEL case.

3590XT05BC	3590 XT weight indicator, with "AF05" version for Industrial Price Computing/Labelling systems; IP68 STAINLESS STEEL case.
3590XT09BC	3590 XT indicator, "AF09" version for static or dynamic axle weighing systems; in IP68 STAINLESS STEEL case.
3590XTBATCHBC	3590 XT indicator, with version for multicomponent dosage systems; in IP68 STAINLESS STEEL case.

Options only available at time of order

Code	Description
KCEM	Plates kit, indicator Welmec form for each foreseen platform for legal for trade use
TPRXT	Attached thermal printer with IP65 stainless steel case and a cover door for protection from sprays and dust; for harsh or strict hygiene environments.
TPRMXT	Attached thermal printer with IP65 stainless steel case and a cover door for protection from sprays and dust; for harsh or strict hygiene environments. Fitted with a virtual printer (with a Memory Card) for saving the weighs.
OBTPRI	Attached thermal printer STAINLESS STEEL option box with >50mm/sec speed, 203 dpi resolution, 24/40 columns, 58 mm paper width; 50 mm Roll diameter
OBMCI	Memory Data Printer option box in Stainless Steel with memory card for easy storage and transfer of the weighs to any Personal Computer (complete of memory card)
OBCLTI	Three way control light STAINLESS STEEL option box with programmable acoustic signal, graph bar controller, attached to the indicator
OBRF	External radio interface, fitted in ABS case with IP65 protection and a 3-metre cable, for weight indicator/repeater . Max. functioning distance in adequate conditions: 70m indoors, 150m outdoors. Up to 50 configurable channels (OBRF must be combined with another radio modem).
OBRFUSB	868MHz radio frequency module for PC with USB input, selfpowered, connectable to USB ports. Fitted with USB connection cable. Max. functioning distance in appropriate conditions: 70m indoor, 150m outdoor. 50 available channels, easily programmable from the PC.
OBRF232	868 MHz radio frequency module for PC with RS232 9-pole input, connectable to RS232 ports. Fitted with connection/power supply cable. Max. functioning distance in appropriate conditions: 70m indoors, 150m outdoors. 50 available channels, easily programmable from PC.
35ALMEM	Alibi memory (fiscal memory) max. 120.000 weighs
DFTL	Remote control for use up to 8m, configurable as a single tare key or four keys
DAC160	Analogue output with D/A 16 bit converter, configurable from 0 to 10Vdc or from 0 to 20mA; Maximum applicable resistance on the output in current is equal to 350 Ohm; minimum applicable resistance on the output in voltage equal to 10KOhm
WIFIT	WI-FI interface for wireless connection (through access point) to the company computer system.
ETH	Ethernet bidirectional port, speed from 10 to 100 Mbps, TCP, UDP, IP, ARP, ICMP, Ethernet Mac protocols
ETHCBRJ	Ethernet cable, 1.5m long, for connection between indicator and PC network (necessary for ETH option)
USBMB	USB interface, as an alternative of the standard connector, for quick connection of the indicator to PC
USBCABMB	USB cable for connection between indicator and PC (to be used with USBMB)
RSCBRJ	RS232/C connection cable (1.5m long) to PC including female 9-pole connector and RJ connector
35RS485	RS485 port option
35RS422	RS422 bidirectional port option
LCCBC	Shielded 6-pole cable, 50cm length, for connection to weight indicator, with AMP connector indicator side and 7-pole female solder connector.
LCCB5C	Shielded 6-pole cable for connection to weight indicator, made up of a 50cm cable with AMP female connector and 7-pole male connector + extension of 5m with 7-pole female connector.
LCCB10C	Shielded 6-pole cable for connection to weight indicator, made up of a 50cm cable with AMP female connector and 7-pole male connector + extension of 10m with 7-pole female connector.
IFKBRD	Serial interface for connection to PC keyboard / bar code reader (to be combined with KBCBC cable) and for remote scale serial connection
KBCBC	Cable with MINI DIN connector for PC keyboard connection (must be combined with IFKBRD serial interface)
DCATEXMB4	DECLARATION OF ATEX CONFORMITY OF WHOLE Ex II 2GD IIC T6 T125°C SYSTEM, with relative LABEL OF WHOLE SYSTEM, for NON ATEX weight indicator connected to MB4 Dini Argeo zener barriers, connected to mechanical structure with ATEX load cells (each cell must be certified with CCATEX option).
PRNSERV	Configuration and custom-made printouts on OBTPR/TM295/LX300 printers. NET PRICE
APRNSERV	Configuration and custom-made printouts with LP542PLUS/TTP243/Witty280/Smart280 labellers at our premises; includes the formatting of up to 4 print formats from those available from the software (print, totalisation, article total, partial total, etc...). NET PRICE. For complex formatings (example like logo insertion, barcode, etc...) the cost will be upon price estimate.
TECSUP	Technical assistance by telephone or at our premises for instrument configuration and printout formatting - NET HOURLY PRICE

Accessories

Code	Description
CSP42I	STAINLESS steel support column for the DFW, 3590, TRS series' indicators. Easy to install and to clean. Adjustable feet, guaranteeing the maximum stability.
STFI	Stainless steel bracket for fixing to wall.
STFR	Stainless steel bracket for fixing on wall, with adjustable inclination
LP542S	Thermal labeller with peel-off system: resolution of 8 dots/mm; max. label width of 112 mm; max. speed of 127 mm/sec; RS 232/C, parallel, and USB interface. Printing of the most common BARCODES. Power supply with external 100/240 Vac power adapter. Connection cable of 1,5 m.
PCKBRD	Extended PC keyboard
UKPLUG	Power adapter from Schuko to BS1363.

