

Modularity

Extendable using 4 removable cartridges without the need to manipulate the inside of the device.

Weight cartridge

The device's metrological data and seals are located in this cartridge.

Software

Intelligent software that detects the modules installed when starting the device.

Technical and Metrological Characteristics

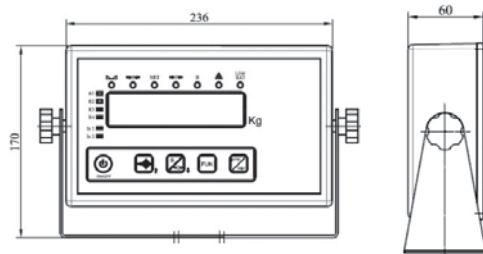
- Approved according to OIML R76 and EN 45501
- Electromagnetic Susceptibility 10V/m
- No. of measurement divisions 10,000e (Class III)
- Min. voltage by verification scale 0.6uV/e
- Max. signal voltage for dead load of 10mV
- Voltage of the measuring range from 5mV to 15mV
- Load Cell power supply at 5V
- Minimum impedance of load cell: 40 Ohms
 - 8 load cells of 350 Ohms
 - 17 load cells of 700 Ohms
- Temperature range from -10°C to +40°C
- 32-bit microprocessor
- 24-bit A/D Converter (1,000,000 Internal div.)
- Weight processing via adaptive filters
- Real time clock
- Isolated RS232 Communications Port

Electrical Power Supply Characteristics

- Wide range of supply voltages: 80 – 264 VAC
- Very low consumption: 1.2W (typ) – 0.9W (LCD version)
- ON/OFF key

Options

- Internal Battery
 - Gives the device autonomy of up to 42 hours (50 hours in the LCD version).
 - Automatic loading by connecting the device to the power supply.
 - Automatic switching between the external power supply mode and battery mode.
 - Gives the device the possibility of supporting power cuts of up to 42 hours.
- IP-65 waterproof according to standards
- DSD memory – Up to 1,000,000 records
- Micro SD card reader
 - Allows the device to make back-ups of the data contained in the DSD memory or register regular events of internal variables of the device
- Bi scales



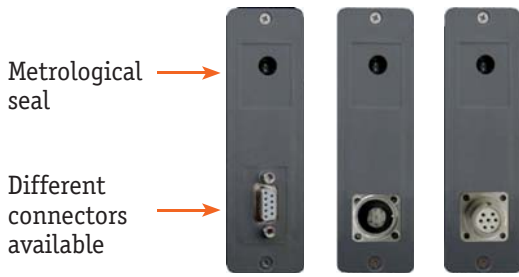
Software

- 32-bit microprocessor
- 24-bit A/D Converter (1,000,000 Internal divisions)
- Weight processing via adaptive filters
- Calibration and Self-Calibrating
- Programmable and flexible multi-range
- Load Cell linearization (up to 16 sections)
- Functions:
 - Weight-Tare-Accumulation
 - Manual Tare
 - Piece Counting
 - Dynamic and animal weighing
 - Dosage and filling
 - Discharge with tickets with Gross-Tare-Net
 - Limiter (maximum, minimum, window)
 - Semaphore
 - Accumulation of weighings
 - Communication via serial port with more than 50 selectable protocols
 - Real-time clock management
 - Possibility of regularly recording different variables of the device
 - Communication with PC for data dump and device configuration
 - 6 possible languages: Spanish, English, Portuguese, French, Italian and German.
 - Configurable ticket printing
 - Label printing
 - Permanent updating of standard programmes
 - Possibility of providing "Tailor-made software" to suit your needs
 - Reloading programmes via serial port or network via ETHERNET or Wi-Fi

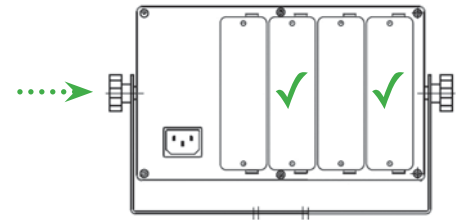
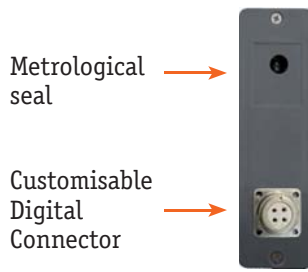
Different cartridge options

Weight cartridge

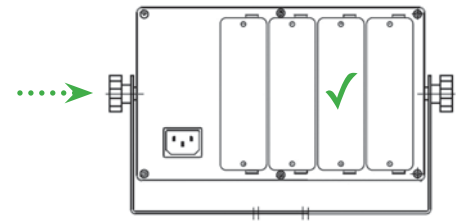
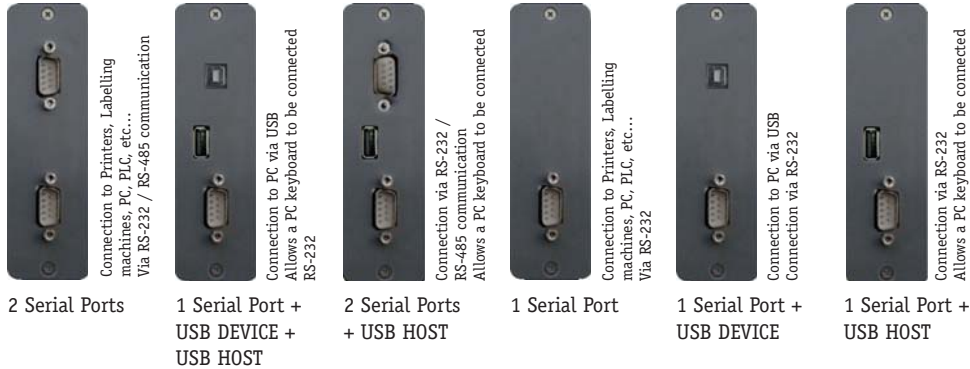
Connection to analogue cells



Connection to digital cells

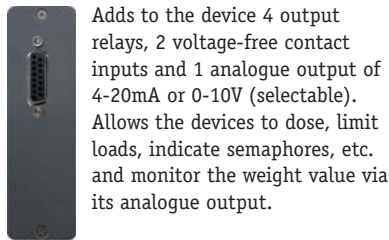


CPU Cartridge (Different Options)

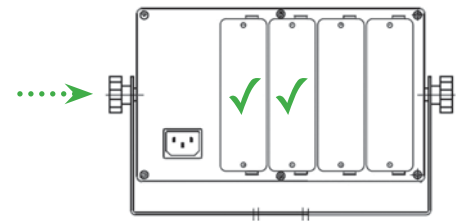
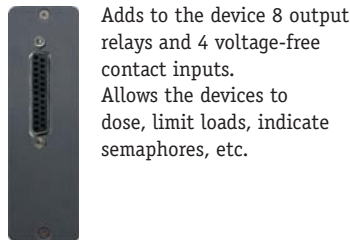


Input/Output Cartridge (Different Options)

4 Relays + 2 Inputs + 1 Analogue Output

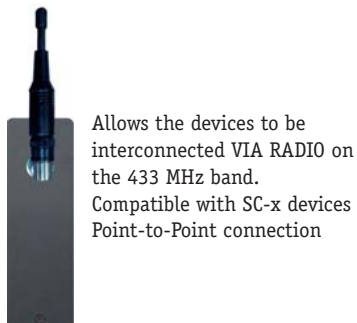


8 Relays + 4 Inputs

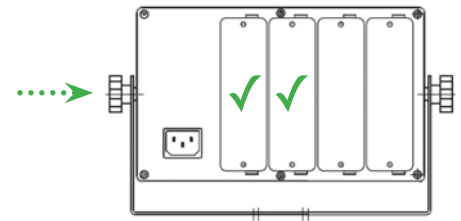


Cartridge VIA RADIO

433 MHz RADIO Cartridge

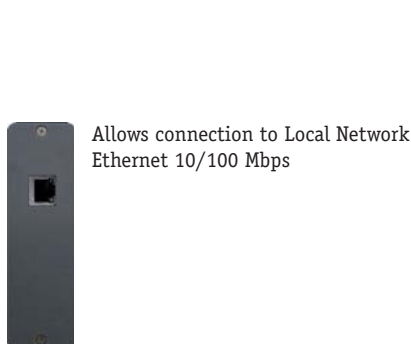


868 MHz RADIO Cartridge



ETHERNET/Wi-Fi Cartridge

ETHERNET Cartridge



ETHERNET + Wi-Fi Cartridge

