

### 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

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

Accuracy class	III
Maximum number of verification scale intervals	10000
Minimum input voltage per verification scale interval	0,6 $\mu$ V
Max. signal voltage for dead load	10mV
Voltage of the measuring range	5mV - 15mV
Load Cell power supply	5V
Minimum load cell impedance	40 $\Omega$
Maximum temperature range	-10°C a 40°C
Electromagnetic Susceptibility	10V/m

### Electrical Power Supply Characteristics

Wide range of supply voltages: 80 – 264 VAC

Very low consumption: 1,2W (LED) – 0,9W (LCD)

ON/OFF key

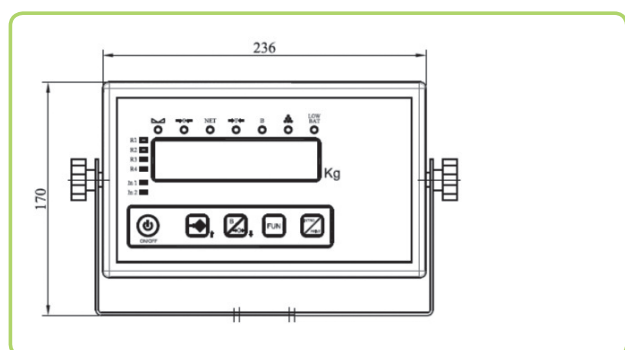


## Options

- **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 500,000 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

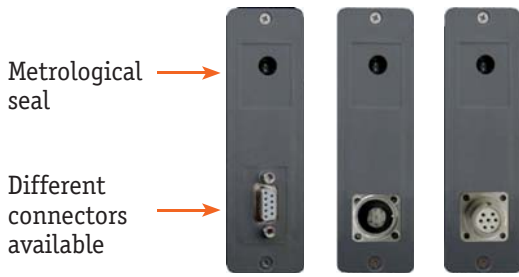
- **32-bit microprocessor**
- **24-bit A/D Converter (1,000,000 Internal div.)**
- **Weight processing via adaptive filters**
- **Calibration and Self-Calibrating**
- **Programmable and flexible multi-range**
- **Load Cell linearization (up to 16 sections)**
- **Functions:**
  - **Weight-Tare-Accumulation**
  - **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**



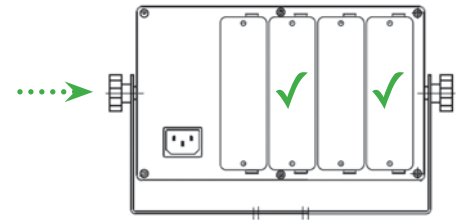
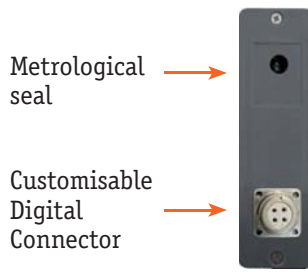
# Different cartridge options

## Weight cartridge

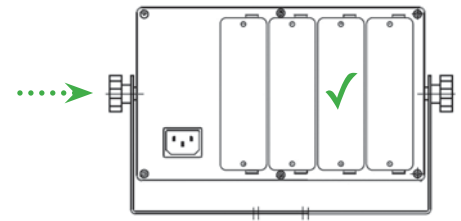
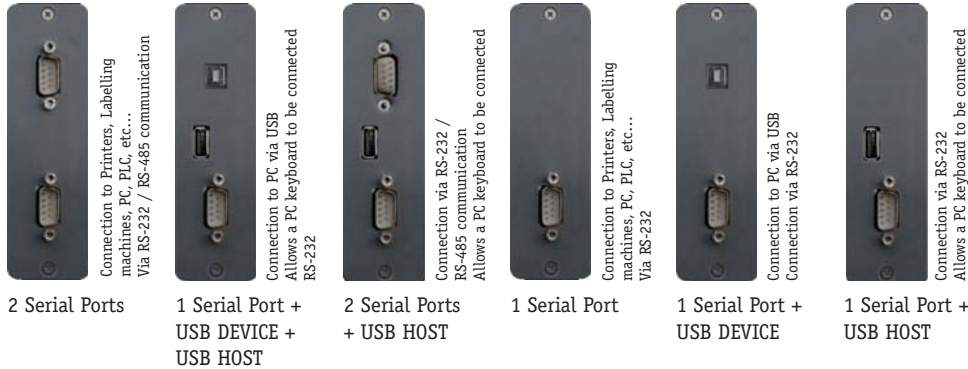
### Connection to analogue cells



### Connection to digital cells

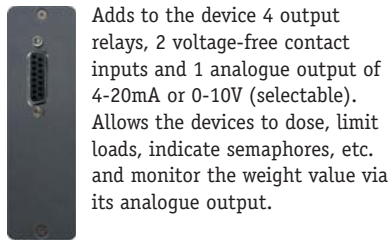


## CPU Cartridge (Different Options)

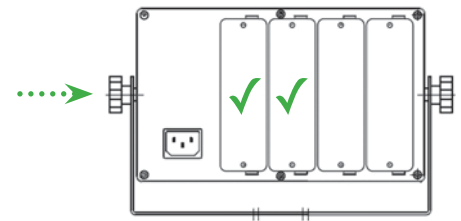
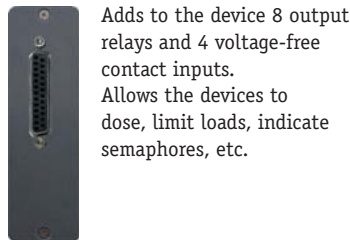


## Input/Output Cartridge (Different Options)

### 4 Relays + 2 Inputs + 1 Analogue Output



### 8 Relays + 4 Inputs

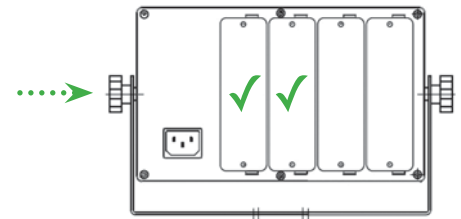


## Cartridge VIA RADIO

### 433 MHz RADIO Cartridge

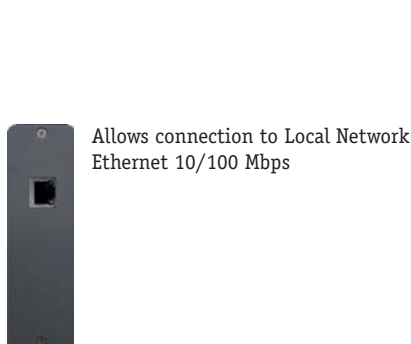


### 868 MHz RADIO Cartridge



## ETHERNET/Wi-Fi Cartridge

### ETHERNET Cartridge



### ETHERNET + Wi-Fi Cartridge

