# DW-SE

## Multifunction Weighing Indicator with GRAPHIC Display

➤ **Specially designed for weighing in motion (compensated gravity), for example on board of ships, but also can do the usual functions of filling, dosing, sorting, belt-weighing, bulk-weighing, check-weighing, weight bridge, weight-tare, etc.**

### FEATURES:

✓ 2 load cell inputs with a 24 bits A/D Sigma-Delta converter and 1200 samples/second.

✓ Graphic LCD of 240 x 64 pixels with backlight.

✓ 1 Serial port RS232 or RS485.

✓ 23 Keys Keyboard to use and program the controller.

✓ Time and date.

✓ USB 2.0

✓ Up to 64 Opto-isolated Inputs.

✓ Up to 192 Relay outputs.

✓ Up to 32 step motors.

✓ Up to 80 triacs (PWM control).

✓ Power Supply: 12...24Vdc - 90...264Vac or Internal battery.
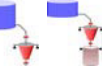
✓ Waterproof: IP68.

✓ Dimensions: 253x130x156mm.
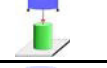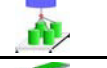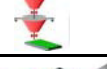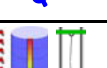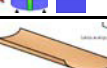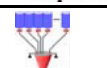
### OPTIONS:

✓ 2º Serial port RS232 or RS485.

✓ Ethernet 10/100M Base T port.

✓ WIFI communication port.

✓ PS2 / PC Keyboard Input.



*Multifunction weighing controller DW-SE*

## OPERATING MODES:

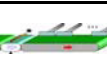| Reference | | Description |
|---|---|---|
| | OnBoard | Weight-Tare-Piece counter-Over Under: Allows to weight in-motion (compensated gravity), momery for 200 products, labeling, weights logger, etc. |
| | FillerAdd | Additive filling, bagging: 1 product up to 3 rates, unload and alarms. |
| | FillerAddAdv | Additive filling, bagging: 1 product up to 2 rates, unload, alarms and 10 selectable programs. |
| | FillerMan | Manual filling, bagging: indicator for Defect – Ok – Excess weight. |
| | FillerSub | Dispensing filler (lost-in-weight): 1 product up to 3 rates, reload and alarms. |
| | FillerAso | Associative filling: 1 product up to 3 rates, unload and alarms. |
| | Bulk | Bulk-weighing: up to 2 rates, unload, alarms, ticket. |
| | Check | Check-weighing: In motion weighing, checks the weighing of a product. |
| | CheckAdv | Check-weigher: In motion weighing, checks the weight of a product, 200 products in memory, statistic calculation (standard deviation, average, etc.) |
| Q | Quality | Quality control: Batchs verification for prepacked product, based on OIML R87 (prepacked products quantity). |
| | Limits | Limits, alarms, totalising, integration : up to 6 weighing setpoint, configurable inputs, variables printing, peaks memories. |
| | Integra | Belt-weighing: Allows to totalize, fix setpoints, flow rate by hour, etc. |
| | Batcher | Batcher-Dosing: Up to 80 formulas, Working orders, 99 products up to 3 rates. |
| | Sorter | Sorter: In motion weighing, Sort products by weighing ranges, programming the ranges, 200 products in memory. |
| | Counter | Counting scale: Allows showing the weight of a scale and to convert into number of pieces. Up to 200 products in memory. |
| | Lorry | Weight Bridge: Manage the weight bridges transits, configurable tickets, data entry for trucks id, companies, products, historical records. |

*DW-SE Rear view*            *DW-SE Front view*