

## 48 x 96 panel mount multifunction WEIGHT indicator

- This controller allows to control various industrial weighing processes like Filling, Integration, Bulk-Weighing, Over/Under, Weight Tare, etc.
- It is available in two versions: standard and with DSP.
- This weighing indicator with DSP has advanced digital filters (IIR and FIR) that allow to obtain weight data readings even faster and with higher precision.

### FEATURES:

- ✓ Accuracy class: III - 6000d concerning EN45501 / OIML R76 (TC: 100312001).
- ✓ Accuracy classes for automatic weighing: 0.2, 0.5, 1 and 2, according to OIML R107 (EC: 151700002).
- ✓ Accuracy classes for automatic weighing: X(0.2), X(0.5), X(1) and X(2), according to OIML R61 (EC: 151700002).
- ✓ Accuracy classes XI, XII, XIII, XIII, Y(a), Y(b) according to OIML R51 (EC: 151700002).
- ✓ Certified indicator firmware according to guide WELMEC 7.2 (Certificate num. 151700003).
- ✓ Load Cell Input with a 24 bits A/D Sigma-Delta converter.
- ✓ 7 Segments Display of 6 Digits and 14 Led Indicators.
- ✓ 2 Opto-isolated Serial Ports: RS232C and RS422 or RS485.
- ✓ 8 Keys Keyboard to use and program the controller.
- ✓ 4 PNP or NPN Opto-isolated Inputs.
- ✓ 4 Relay outputs.
- ✓ Power Supply: 115 Vac / 220 Vac.
- ✓ Dimensions: 48x96x139mm.



### OPTIONS:

- ✓ 2nd RS232 serial port.
- ✓ Ethernet 10/100M Base T communication port.
- ✓ WIFI communication port.
- ✓ USB 2.0 communication port.
- ✓ Time and date.
- ✓ 24 Vdc Power supply.
- ✓ Opto-isolated analogical Output: 0-20 mA, 4-20 mA (only with 24 Vdc power supply).

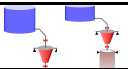
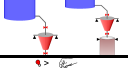

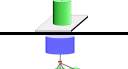
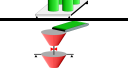

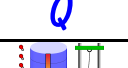
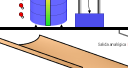


### ADDITIONAL FEATURES and OPTIONS (DSP):

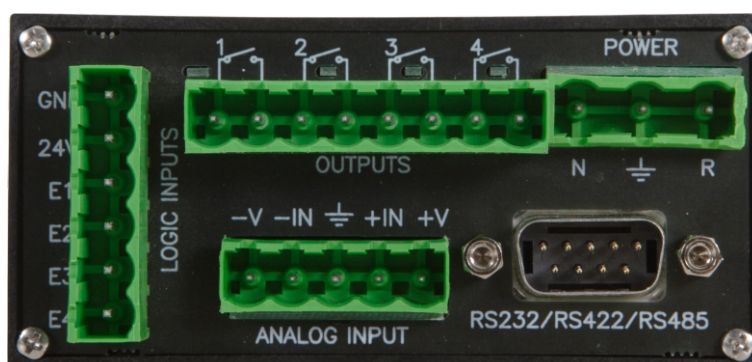
- ✓ Load Cell Input with a *high speed* 24 bits A/D Sigma-Delta converter.
- ✓ Option: 2nd RS485 serial port.
- ✓ Option: internal USB 2.0 communication port.



Multifunction weight indicator DW-MI

## OPERATING MODES:

Reference	Description	
	<b>FillerAdd</b>	<b>Additive filling, bagging</b> : 1 product up to 3 rates, unload and alarms.
	<b>FillerAddAdv</b>	<b>Additive filling, bagging</b> : 1 product up to 2 rates, unload, alarms and 10 selectable programs.
	<b>FillerMan</b>	<b>Manual filling, bagging</b> : indicator for Defect – Ok – Excess weight.
	<b>FillerSub</b>	<b>Dispensing filler (lost-in-weight)</b> : 1 product up to 3 rates, reload and alarms.
	<b>FillerAso</b>	<b>Associative filling</b> : 1 product up to 3 rates, unload and alarms.
	<b>Bulk</b>	<b>Bulk weighing</b> : up to 2 rates, unload, alarms, ticket.
	<b>Check</b>	<b>Check-weighing</b> : In motion weighing, checks the weighing of a product.
	<b>Quality</b>	<b>Quality control</b> : Batches verification for prepacked product, based on OIML R87 (prepacked products quantity).
	<b>Limits</b>	<b>Limits, alarms, totalizing, integration</b> : up to 4 weighing set point, configurable inputs, variables printing, peaks memories.
	<b>Integra</b>	<b>Beld weighing</b> : Allows to totalize, fix setpoints, flow rate by hour, etc.



*DW-MI Rear view*