VD-310 / VD-330
Indicators

Indicators with piece-counting checkweigher function

VD-310 ABS

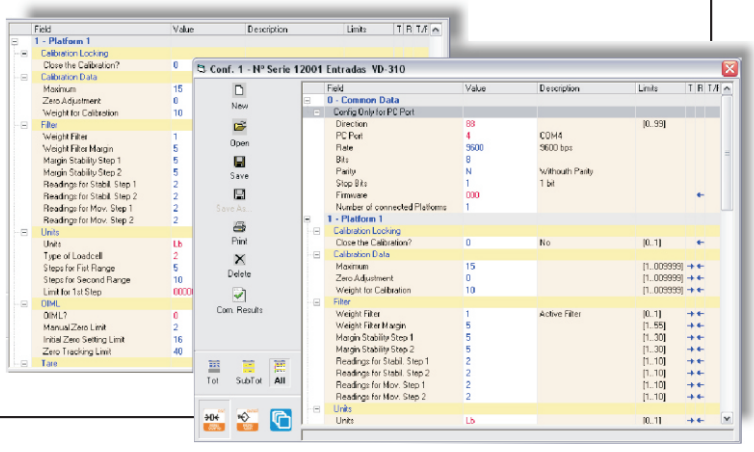
VD-310 INOX

VD-310 PANEL MOUNT

VD-330 INOX

Configuration by means of the keyboard or Windows software.

Options for digital inputs-outputs and analog outputs boards.



Models and General Characteristics

DISPLAY	**LED**	**LCD**
No. of PLATFORMS	**1 Platform**	**1 Platform**
MODELS	**VD-310 CW/1**	**VD-330 CW/1**
Versions	ABS, STAINLESS STEEL and PANEL MOUNT	STAINLESS STEEL
Digits	Numbers up to 5 digits of 1"	Numbers up to 5 digits of 1" (25,4 mm) + 14 characters alphanumeric line***
Supply	ABS model: 12 V (adapter) / S. Steel model: 230 V (direct)	230 V (direct)
External battery connection	ABS model: YES / S.Steel model: NO	NO
Internal battery	NO	YES (6 V - 5 Ah). Autonomy aprox.: 23 hours****
Platforms connection	1 Platform. Up to 12 load cells	1 Plataform. Up to 12 load cells
Piece counting function	YES. Memory for 200 article codes (unitary weight)	YES. Memory for 200 article codes (unitary weight)
Checkweigher function	YES. Memory for 100 article (target weight, min. weight / %, max. weight / %) "Traffic-lights" LEDs yellow-green-red	YES. Memory for 100 article (target weight, min. weight / %, max. weight / %) "Traffic-lights" LEDs yellow-green-red
Pre-set tares	10	10
Capacity and Divisions	Programmable. Single or multi-step 10.000 OIML CLASS III / 100.000 NON OIML	Programmable. Single or multi-step 10.000 OIML CLASS III / 100.000 NON OIML
Communications	1 RS-232 port ≤ 57.600 bps + 1 RS-232 port ≤ 2.400 bps	2 RS-232 ports ≤ 57.600 bps
Telecharge of int. Software	YES	YES
Timer	Only with indicator "ON"	YES
Digital Inputs-Outputs*	OPTIONAL. 2 Inputs, 4 Outputs.	NO
Analog Outputs**	OPTIONAL. 4-20 mA, 0-5 V, 0-10 V	NO

* Applications: weight grading and dosage (1 product-2 speeds). ** Applications: control of PLCs (advanced filling up and dosage, etc.).
*** Alphanumeric line allows indicator programming and shows the limits on checkweigher mode and unitary and total weight on piece-counting mode. **** Autonomy with backlight off and connection to 1 load cell.

Models

	ABS	ST. STEEL	ST. STEEL WITH BATTERY	ST. STEEL DIGITAL I/O	ST. STEEL ANALOG OUTP.	PANEL MOUNT	PANEL MOUNT DIGITAL I/O	PANEL MOUNT ANALOG OUTP.
VD-310 CW/1	●	●		●	●	●	●	●
VD-330 CW/1			●					

Technical and Metrological Data

Accuracy class (when used in a NAWI): *Class III, Class IIII.*
Number of divisions: *OIML: N ≤ 10.000 Class III*
N ≤ 1.000 Class IIII
NON OIML: N ≤ 100.000.
Temperature range: *-10 ºC to +40 ºC.*
Supply voltage: *12 VDC // 230 VAC.*
Loadcell excitation voltage: *5 VDC.*
Minimum dead load signal: *0 mV.*
Maximum dead load signal: *2,5 mV.*
Minimum voltage of the measure range: *0 mV.*
Maximum voltage of the measure range: *15 mV.*
Signal voltage per verification scale interval: *1 μV.*
Minimum impedance: *29 Ω.*

Maximum length of the loadcell cable
4 wires loadcells: *original length of the loadcell cable.*
6 wires loadcells: *no limitation.*
Substractive tare: *-Max.*
Zero setting margin: *2 %.*
Fraction Pi: *0,5.*
Units: *Kilograms, Pounds.*
TDigital inputs-outputs board *Resolution: 16 bits.*
Inputs (2): *0 to 24 V.*
Outputs (4): *Max. switching voltage: 300 V.*
Max. switching current: 0,13 A.
Isolation: 5.000 V
Analog outputs board *4-20 mA, 0-5 V, 0-10 V.*
Max. Error: 0,75%.

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Specifications subjected to change without prior notice.

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