

Weight + Piece Counting



**VD-310 CP
LED Display**



Weight + Piece Counting + Checkweigher



**VD-310 CW
LED Display**

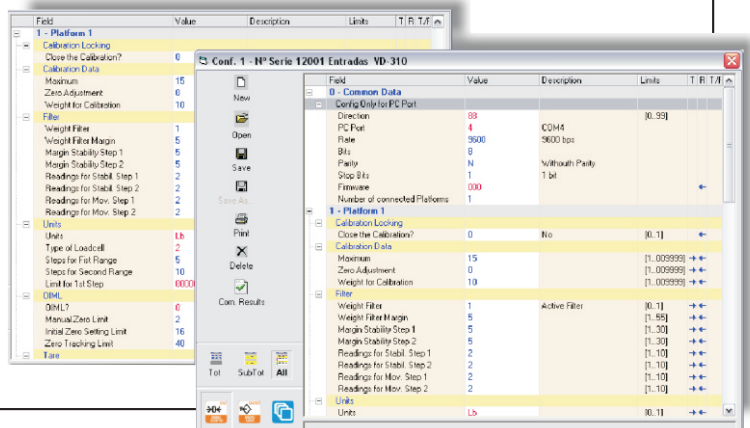


**VD-330 CW
LCD Display**



**Configuration by means of the
keyboard or Windows software.**

**Options for digital inputs-outputs
and analog outputs boards.**



Models and General Characteristics

FUNCTIONS	Weight + Piece Counting		Weight + Piece Counting + Checkweigher			
DISPLAY	LED		LED		LCD	
No. of PLATFORMS	1 Platform	2 Platforms	1 Platform	2 Platforms	1 Platform	2 Platforms
MODELS	VD-310 CP/1	VD-310 CP/2	VD-310 CW/1	VD-310 CW/2	VD-330 CW/1	VD-330 CW/2
Versions	ABS or STAINLESS STEEL		ABS, STAINLESS STEEL and PANEL MOUNT		ABS, STAINLESS STEEL and PANEL MOUNT	
Digits	Numbers up to 5 digits of 1" (25,4 mm)		Numbers up to 5 digits of 1" (25,4 mm)		Numbers up to 5 digits of 1" (25,4 mm) + Alphanumeric line	
Supply	ABS model: 12 V (adapter) / S. Steel model: 230 V (direct)		ABS model: 12 V (adapter) / S. Steel model: 230 V (direct)		ABS model: 12 V (adapter) / S. Steel model: 230 V (direct)	
External battery connection	ABS model: YES / S.Steel model: NO		ABS model: YES / S.Steel model: NO		ABS model: YES / S.Steel model: NO	
Internal battery	NO		NO		ABS model: NO / S.Steel model: OPTIONAL	
Platforms connection	CP/1: 1 Platform / CP/2: 2 Platforms. Up to 12 load cells.		CW/1: 1 Platform / CW/2: 2 Platforms. Up to 12 load cells.		CW/1: 1 Platform / CW/2: 2 Platforms. Up to 12 load cells.	
Piece counting function	YES. Memory for 200 article codes (unitary weight)		YES. Memory for 200 article codes (unitary weight)		YES. Memory for 200 article codes (unitary weight)	
Checkweigher function	NO		YES. Memory for 100 article for each platform (target weight, min. weight / %, max. weight / %) "Traffic-lights" LEDs yellow-green-red		YES. Memory for 100 article for each platform (target weight, min. weight / %, max. weight / %) "Traffic-lights" LEDs yellow-green-red	
Pre-set tares	10 for each platform		10 for each platform		10 for each platform	
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		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		1 RS-232 port = 57.600 bps + 1 RS-232 port = 2.400 bps		1 RS-232 port = 57.600 bps + 1 RS-232 port = 2.400 bps	
Telecharge of int. Software	YES		YES		YES	
Timer	Just when Indicator is "ON"		Just when Indicator is "ON"		Just when Indicator is "ON"	
Digital Inputs-Outputs*	OPTIONAL in VD-310 CP/1 S.STEEL. 2 INPUTS, 4 OUTPUTS		NO		NO	
Analog Outputs**	OPTIONAL in VD-310 CP/1 S.STEEL. 4-20 mA, 0-5 V, 0-10 V		OPTIONAL in VD-310 CW/1 S.STEEL. 4-20 mA, 0-5 V, 0-10 V		OPTIONAL in VD-330 CW/1 S.STEEL. 4-20 mA, 0-5 V, 0-10 V	

* Applications: weight grading and dosage (1 product-2 speeds)

** Applications: control of PLCs (advanced filling up and dosage, etc.).

Standard versions (in ABS or stainless steel)



Models: VD-310 CP/1, VD-310 CP/2, VD-310 CW/1, VD-310 CW/2, VD-330 CW/1, VD-330 CW/2

Panel mount versions (steel case - stainless steel front)



Models: VD-310 CW/1, VD-330 CW/1

Technical and Metrological Data

Accuracy class (when used in a NAWI):
Number of divisions:

Class III, Class IIII.
OIML: $N \leq 10.000$ Class III
 $N \leq 1.000$ Class IIII
NON OIML: $N \leq 100.000$.

Temperature range:

-10 °C to +40 °C.

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 μ V.

Minimum impedance:

29 Ω .

Maximum length of the loadcell cable

4 wires loadcells:

original length of the loadcell cable.
no limitation.

6 wires loadcells:

-Max.

Subtractive tare:

2 %.

Zero setting margin:

0,5.

Fraction Pi:

Kilograms, Pounds.

Units:

Resolution: 16 bits.

TDigital inputs-outputs board

0 to 24 V.

Inputs (2):

Max. switching voltage: 300 V.

Outputs (4):

Max. switching current: 0,13 A.

Isolation: 5.000 V

4-20 mA, 0-5 V, 0-10 V.

Max. Error: 0,75%.

Analog outputs board



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