

VT-1200: New generation of weight indicators for industrial environments

+ Powerful

- Celeron
- i3

+ Robust

- IP protection



IP65

+ Weighing & labelling functionalities

for industrial environments



15"
TOUCH SCREEN



PC
ARCHITECTURE



WINDOWS 10



LINUX
(CONSULT)



128 GB
mSATA



USB



ETHERNET



WI-FI
OPTIONAL



CONNECTABLE TO
PLATFORM UP TO
16 LOAD CELLS



IP65
PROTECTION



METROLOGICAL
VERIFICATION
OPTIONAL (EU)



VT-1200: a new generation of industrial indicators with PC architecture created to work in the most demanding environments.

The **VT-1200** has:

- **More memory:** 4 GB, DDR3.
- **More power and speed of response:** Intel Celeron or Intel i3 processor and SSD hard disk.
- **Last generation operating system:** Windows 10.

This new indicator can be **connected to a weighing platform of up to 16 cells** (metrological verification available for the indicator + platform set). And it has several connections to work with peripherals such as barcode reader scanner, second screen, external printers, audios, keyboards, mouse...

The VT-1200 has been designed to be placed in any area of the production plant: on a table, on a wall or in panels, in drawers or on the floor with a stand.

The materials used in the construction of the VT-1200 **withstand the most adverse working conditions:** the touch screen can be used with gloves, the equipment tolerates working temperatures between 0° C and +40° C, is dustproof and protected against water jets (IP65). Likewise, in case of repair or breakage, it is possible to replace the different components individually: touch panel, screen, CPU, power supply, hard disk... And the hard disk and RAM memory extensions can be carried out by slot.

This indicator is **available in two versions:**

- An **open solution**, with the Scale Connector software for the collection of weighing data, and its transmission to the client's management systems;
- A **closed solution of Dibal for industrial weighing and labelling** and the management of the collected data.

Characteristics and functionality

Main characteristics

- **High performance indicator with PC architecture, which can be equipped with the Dibal SW-1100 weighing application.**

Outstanding functions

- **Available functions with SW-1100 software pre-installed:**
 - Database of: products, operators, customers, receipt and label formats...
 - Possibility of information fields with very broad descriptions (texts, ingredients, allergens...).
 - Barcodes: EAN-8, EAN-13, EAN-128 and Code 128 for external printers.
 - Integral management of generic traceability.
 - Stock management.
 - Up to 3 levels of totals with different label formats and barcodes.
 - Printing of receipts and labels with variable weight.
 - Delivery notes & invoicing.
 - Sales reports and graphics.
 - Customised operation screens.
 - Design of delivery note, invoice, receipt and label formats.
 - Indicators network management.
 - Automatic local and remote integration of files generated by external applications.
 - Automatic export of files for sales and product data management by external applications.
 - Remote and direct integration (TCP/IP) of ERP systems with equipment weighing.
- **Also available with open solution with Scale Connector software for the collection of weighing data, and transmission from them to the client's own management system.**

CPU

- **Processor:** Intel Celeron or Intel i3.
- **Memory:** 4 GB, DDR3.
- **Hard disk drive:** 128 GB mSATA SSD.
- **Optional:**
 - Wi-Fi.

Weighing

- **Connectable to 1 weighing platform of up to 16 load cells.**
- **Optional:**
 - Connection to 2nd weighing platform through DMI and up to 16 load cells (does not support Metrological Verification).
- **Up to 6,000 divisions. Mono-range, multi-range and multi-interval.**

Models

VT-1200 CELERON

- Connectable to 1 weighing platform of up to 16 load cells.
- Windows 10 embedded and with Dibal software (closed solution).

Ref.: **7YAZAWG011** __

 optional (EU)

Construction

- **Structure:** AISI 304 stainless steel housing.
- **Screen:** 15" TFT resistive touch screen.
- **Adjustable angle mount** for table or wall included.
- **IP65 protection.**

Connections on panel

- 1 USB.

Internal connections

- | | |
|-------------------------------|--------------------------|
| • Intel Celeron model: | • Intel i3 model: |
| · 1 COM. | · 1 USB (2.0). |
| · 3 USB (3.0). | · 2 USB (3.0). |
| · 1 Ethernet. | · 2 Ethernet. |
| · 1 audio. | · 1 HDMI. |
| · 3 RS-232*. | · 1 VGA. |
| · 1 Display Port. | · 4 RS-232*. |

* Optional with patch cord.

Software

- **SW1100 for Windows (optional):** for indicator configuration and data management. Weight data received from the platform can be displayed and sent to external printers and ERP systems. New features in pre-packaging and labelling mode included.
- **Multiple tools available for ERP integration.**

Power supply

- 230/110 V direct.

Energy consumption

- 40 W (max.).

Possible integration with other equipment

- Dibal LS-4000 and LS-4000+ **automatic weigh-price labellers.**
- Dibal LP-3000 **manual weigh-price labeller.**
- Dibal **weight indicators.**
- Cely RD-5 **weight repeater.**
- Dibal PC 1200 **industrial PC.**

Other possible peripherals

- **Scanner barcode reader** (only needs wiring for communications).
- **TV.**
- **1 audio (I/O).**
- **Others:** keyboard, mouse, etc.

VT-1200 i3

- Connectable to 1 weighing platform of up to 16 load cells.
- Windows 10 embedded and with Dibal software (closed solution).

Ref.: **7RAZAWG011** __

 optional (EU)

Options

Option	Characteristics	Reference
Wi-Fi	Wireless communications.	Consult
Connection to 2 nd weighing platform	Through DMI and up to 16 load cells (does not support Metrological Verification).	Consult
SW1100 PC Windows software	Application for configuration, sales and weighing management and labels and receipts design (DLD).	7340SW1100
Metrological Verification (M)	According to EU weighing directives for indicator + platform assemblies.	Consult

In addition, Dibal's weighing solution has **new weighing and labelling features specific for industrial weighing**:

Tares

additive / multiplicative / programmable / packing weight / VT / percentage / remove tare.

Double units of measure

for the control of the stock in two units: kg and pieces.

Automatic batch request

Activable for products whose sales need to indicate the lot (traceability or description of the lot).



More information on operational sales screen

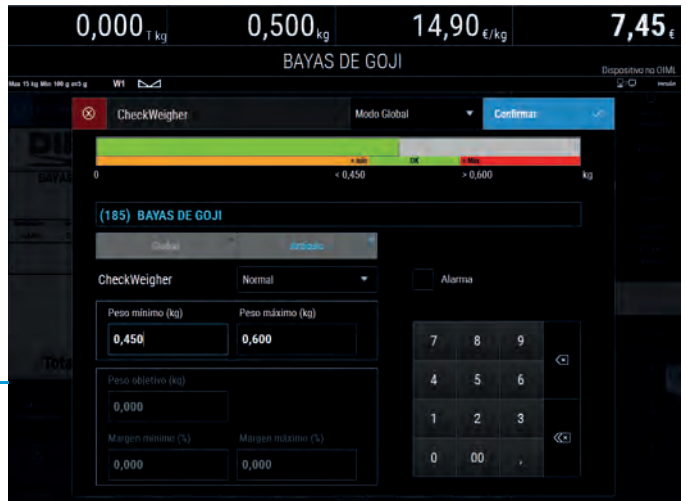
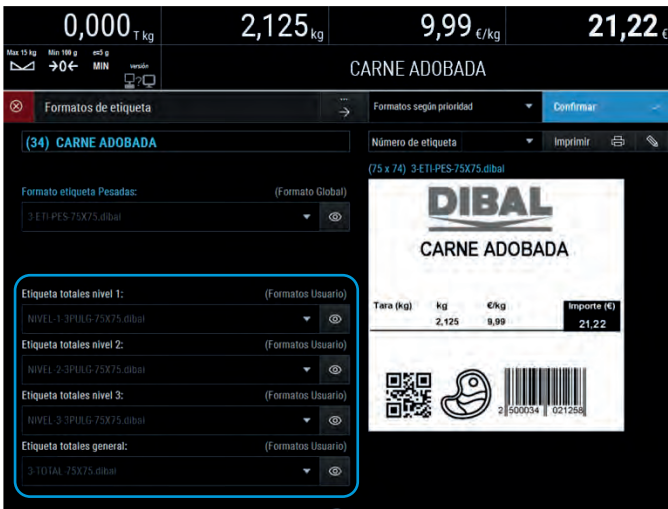
for decision making and efficiency improvement (weight, undrained tare, tare %, packaging weight, quantity 2, piece weight, % of discount, type of offer, type of price applied, rate, batch text + traceability...).

Total levels

to label products by packaging groups, total levels (box-pallet-truck) and have general totals.

Print / accumulate labelling mode

to enable / disable printing of product and total labels; and to make labels accumulating, not accumulating or discounting totals.



Dates

to save and print dates (manufacturing, packaging, freezing, shipping, preferential consumption, expiration) in DD / MM / YY format, + N, hh: mm from a set date value.

Checkweigher

to prevent the printing of labels when the weight of the article is not within the established limits.

Warehouse movements and stock control

for stock control through detailed information of inputs (purchases) and outputs (sales).

Weight conversion

to convert items of variable weight into fixed weight from the operating screen, and avoid stock errors in weighed type items that are sold as unitary.

Prices and rates of articles

to enter or display the margins of the article on the sale or on the purchase; and to enter the offer prices of the article without VAT and recalculate it with VAT or vice versa.

Prices by sections and gifts

to apply prices by weight sections and gifts by quantity.

Search and preview of documents

to search, preview, reprint or reopen receipts, delivery notes or invoices.

Weight display

to display the weight screen in different formats, always having the necessary information.

Connectivity with DMIs (Scale Connector)

to capture the weights from different media, up to 16 DMIs per group, and have a multiplatform equipment.

