



SELF-SERVICE SCALES MISTRAL SERIES (500 RANGE)

Self-service format price computing scales, with 100 direct article keys, label printer and PC connection. High performance, easy to use and contemporary design scales.



INFORMATION



1 PRINTER LABELS



SEGMENTS LCD DISPLAY



GRAPHIC LCD DISPLAY (optional)



UP TO 5.000 PLUs



UP TO 10 VENDORS



ETHERNET TCP/IP



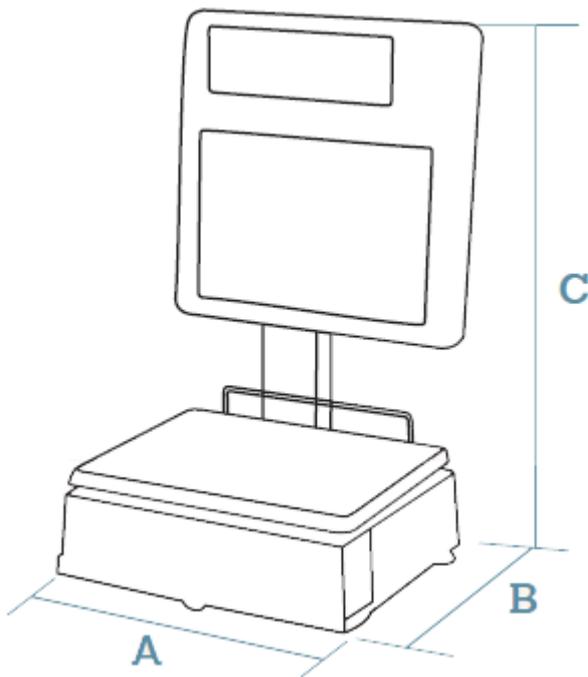
Wi-Fi OPTIONAL



METROLOGICAL VERIFICATION OPTIONAL (EU)

The Dibal Mistral Series self-service scales, with 100 direct article keys, are really easy to use and offer great features due to their memory and their fast and reliable communications among scales, PC and mobile devices.

These retail scales are also available with two displays for assisted sales, and are equipped with a label printer.



Data in mm

A 375

B 375

Plate dimensions: L360 x W280 mm

MAIN CHARACTERISTICS

- **Electronic scale with higher visibility display options.**
- **Models with label printer.**
- **Functional and robust design.**
- **Compliance with EU Regulation 1169/2011 on the provision of food information to consumers.**

FEATURES

- **Extensive information for each PLU: normal price, price for weight scales and by kg/100 g, 2 names of 20 characters, 10 free texts of 24 characters, 1 text of 3,000 characters, etc.**
- **PLU search by code or name.**
- **Preset keys to programming menus: to change prices, register PLUs or vendors, etc.**
- **Direct access to 100 PLUs from the keyboard.**
- **Drill down menus.**
- **Printing of scale menus.**
- **Sales and management reports: sales (by article, vendor, time frames, last month, etc.), balance available in the cash drawer, modified PLUs, etc.**
- **Fast and reliable communication between scales, with PC and mobile devices (via DWS).**
- **Stocks management on the scale.**
- **Option to record normal price for each article.**
- **Stock / order mode.**

CAPACITY / ACCURACY

- **Multirange (3,000 divisions): 6 kg / 2 g - 15 kg / 5 g.**
- **Optional:**
 - **Monorange (3,000 divisions): 15 kg / 5 g or 30 kg / 10 g.**
 - **Multirange (3,000 divisions): 15 kg / 5 g - 30 kg / 10 g.**
 - **Monorange (6,000 divisions): 12 kg / 2 g or 30 kg / 5 g.**

FORMAT

- **Self-service.**

CONSTRUCTION

- **Highly resistant ABS plastic casing.**
- **Stainless steel plate.**
- **Access to all non-metrological components without the need to unseal the scale.**

DISPLAYS

- **Backlit LCD segment display (W150.2 X H43.4 mm). Showing weight, price / kg, total,**

tare, vendor and name of articles.

- **Optional:**

- LCD matrix graphic display (W134 x H41 mm). Possibility of showing: logos, profitability codes, warning messages sent from a PC and advertising messages with animated effects.

PRINTER

- **1 printer for labels.**
- **54 mm thermal printer.**
- **High resolution (8 dots/mm) and speed (100 mm/sec).**
- **Cassette for immediate paper roll change.**
- **Optional:**
 - Linerless.

LABELS

- **15 fonts (6 monospaced + 9 multispaced: more modern and legible).**
- **From W30 x L30 mm to W60 x L100 mm.**
- **20 fixed formats + 10 programmable formats.**
- **40 logos.**
- **EAN-13 bar code.**
- **40 fields of information.**
- **100 programmable texts.**
- **Manual and automatic pre-packing modes.**
- **3 levels of totals.**
- **Printing of “n” identical labels.**
- **Printing with 90°, 180° and 270° rotation.**
- **Automatic adjustment of the paper detection option.**
- **Packaging date, expiry date and extra date (for any application).**
- **Alphanumeric batch number.**
- **2 types of generic traceability (for meat, fish, fruits, vegetables, etc.) up to 20 products. Included in the prevailing European legislation on bovine traceability.**

FOOD INFORMATION

- **Compliance with EU Regulation 1169/2011 on the provision of food information to consumers as of 13 December 2016:**
 - Minimum letter size: 1.2 mm.
 - Effect (**bold**, underlined, or **both**) for each character in the text.
 - Possibility of using the general text “G” (3,000 characters) for ingredients, in lower case or UPPER CASE to highlight allergens.
 - Possibility of including a table of nutritional facts.
 - Free texts (10 x 24 characters).
 - For direct sale labels: possibility of indicating in the PLU name (with an * or other symbol) those that contain allergens and programming a text, such as “* Consult

allergens”.

- Possibility of printing 2 labels for each operation: programmable by PLU, configurable information, 2nd automatic or manual label (also to be used as promotional labels).

COMMUNICATIONS

- **TCP/IP Ethernet for interconnection and connection to PC.**
- **RS-232, for connection to scanner (in M-520 and M-525).**
- **Optional:**
 - Wi-Fi.

SECURITY

- **Access to different protected programming menus via configurable passwords.**

INTERCONNECTION

- **Up to 10 scales per section.**

CONNECTIVITY WITH OTHER DEVICES

- **PC.**
- **Bar code scanner** (powered by the scale – 5 VDC) to read EAN-13 bard codes.
- **Cash drawer.**

SOFTWARE (SEE SECTION ON SOFTWARE)

PC software:

- **DFS:**
 - Programming of scales.
 - Receipt of sales data.
 - Data backup copy.
 - Graphic design of receipts and labels.
 - Design and management of advertising images for graphic display.
- **RMS*:**
 - Programming and management of scales.
 - * Does not manage:
 - Images (of articles and advertising).
 - Specific functions of Mistral scales.
- **DLD:**
 - Graphic design of receipts and labels.
- **Integration tools: in Windows or Linux to facilitate communication with the Back-Office.**

Scale firmware:

- **DWS (Dibal Web Server):**
 - Allows access to the information on each scale (via passwords) from any computer or

mobile device with an Internet browser.

POWER SUPPLY

- **Mains: 110 up to 230 VDC.**
- **Optional:**
 - Anti-blackout rechargeable internal battery 24 V and connector to external battery 24 V.

MODELS

M-525 SS - 1 DISP.

Ref.: 7M251A2LGE__

1 display

- **Front display:** LCD segments.
- **Back display:** (Without back display).
- **Printer:** Labels.
- **PLUs:** 5,000.
- **Direct PLUs:** 100.
- **Vendors:** (Not available for assisted sales).
- **Power:** Mains.
- **Capacity / Accuracy:** 6 kg / 2 g - 15 kg / 5 g.

M-525 SS - 2 DISP.

Ref.: 7M251B2LGE__

2 displays

- **Front/Vendor display:** LCD segments.
- **Back/Buyer display:** LCD segments.
- **Printer:** Labels.
- **PLUs:** 5,000.
- **Direct PLUs:** 100.
- **Vendors:** 10.
- **Power:** Mains.
- **Capacity / Accuracy:** 6 kg / 2 g - 15 kg / 5 g.

OPTIONS

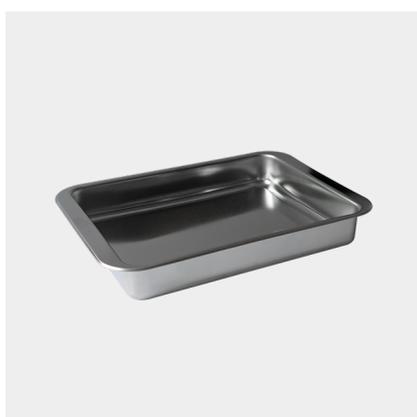
OPTION	CHARACTERISTICS	REF.
Capacity 15 kg / 5 g - 30 kg / 10 g	Multirange (3,000 divisions).	...F__ (*)
Capacity 30 kg / 10 g	Monorange (3,000 divisions).	...Y__ (*)
Capacity 15 kg / 5 g	Monorange (3,000 divisions).	...N__ (*)
Capacity 12 kg / 2 g	Monorange (6,000 divisions).	...V__ (*)
Capacity 30 kg / 5 g	Monorange (6,000 divisions).	...P__ (*)
Graphic display (W134 x H41 mm)	LCD matrix graphic display.	Contact us
Linerless	Label on continuous adhesive paper without supporting paper.	Contact us
Wi-Fi	Wireless communications (IEEE 802.11n).	Contact us
Anti-blackout	Anti-blackout internal battery 24 V + external battery connector 24 V.	Contact us
Built-in scanner in scale	1D and 2D barcodes.	Consult us
DFS Software	Scale configuration, receipt of sales data for processing with other IT applications, data backup (LBS), and labels and receipts graphic design. (See section on software).	7340F1U1 / 7340FN1U1 / 7340D1U1 / 7340DNU1
RMS Software	Scale configuration, receipt of sales data for processing with other IT applications and data backup (LBS). (See section on software).	73400000 / 7340R1U1 / 7340RNU1

OPTION	CHARACTERISTICS	REF.
DLD Software	Labels and receipts graphic design. (See section on software).	7340LOU1 / 7340L1U1 / 7340LNU1
Technical DWS	Dibal Web Server software for the remote configuration of the scale. (See section on software).	7340W101
Full DWS	Dibal Web Server software for the remote configuration of the scale and processing of the information generated. (See section on software).	7340WN01
Metrological verification (M)	According to EU weighing directives. (See section on equipment metrological verification).	Contact us

(*)

The scale references with this capacity are obtained by replacing the last characters of the reference for the standard scale with the indicated ending.

ACCESSORIES



SMALL ITALIAN PLATE

L357 x W235 x H55 mm.



LARGE ITALIAN PLATE

L407 x W284 x H60 mm.



BAR CODE SCANNER

Includes connection cable to the scale.



**ADAPTER FOR RECEIPT
PRINTING IN LABEL
PRINTERS**

Required for standard size
receipt rolls.



Astintze, 26
48160 Derio (Vizcaya) Spain
T. (+34) 94 452 15 10
E. dibal@dibal.com