World WEIGH

Scale with Column Indicator for Internal Use

B 200

Use and Maintenance Manual

Code   81320221

DECLARATION OF CONFORMITY

SOCIETA' COOPERATIVA BILANCIAI

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We declare that the product described in this manual complies with the
following CE requirements

- 90/384 CEE and subsequent modifications: Standard EN 45501
- 2004/108/CE : Standard EN 61000-

Campogalliano 01/10/2008   Business Unit Manager
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1. GENERAL

The B200 series comprise accurate, fast and multi-task scales with checkweigher fuction as well.

The range includes 5 series, with platforms from 320mm x 360mm to 600mm x 800mm, and capacities from 6kg to 1000kg.

They all come with automatic zero tracking, acoustic alarm for preset weights, and totalization function for storing weighing operations which can be recalled as general total.

2. KEYS

ON/ OFF or ⏼

Switches the instrument on and off.

Zero   or   **→0←**

Sets the scale to zero and displays zero for all subsequent weighing operations.

Its secondary function is the "Enter" key while setting parameters or other functions.

Tare   or   **→T←**

Saves the current weight as tare value, subtracts it from the weight and shows the result.

Its secondary function increases the active digit while setting values for parameters or other functions.

Press **Zero** and **Tare** together in the normal weighing mode to activate/deactivate the live stock weighing function (these actions are signalled by a double acoustic signal).

MR

Recalls the total of the weighing operations accrued in the memory.
In setting mode, shifts the active digits to the right.

Keep **MR** pressed to gain access to the Piececounter mode.

M+

Stores the current weight.
In setting mode, shifts the active digits to the left.

Press **M+** and **MR** for MC (memory clear)

Print or ⊙

Pressing **Print** during the selfcheck gives access to the setting mode.

G/N or **B/G**

Changes unit of measurement.
Second function (ESC): returns to the normal operation from the setting mode.

Keep **G/N** pressed to change the unit of measurement.

Press **G/N** and **Print** together to set the Checkweigher function, it is possible to set

an upper limit, a lower limit or both.

3. FUNCTIONS

3.1 Display zeroing
Press **ZERO** to set the scale to zero, for the subsequent weighing operations and countings, within 4% of the power on. This is usually necessary whenever the scale is empty. Upon zero setting, the scale displays the zero indication.
The scale comes with an automatic zeroing function in case slight drifs are detected or some material has accumulated on the platform. Anyway, press the **ZERO** key to set the scale to zero whenever a small value is displayed when the platform is empty.
3.2 Tare capture
If necessary, set the scale to zero pressing **ZERO**. The zero indication appears.
Place a container on the platform, the value of its weight is displayed.

Press **TARE** to capture a tare. The displayed weight is stored as tare value, then subtracted and zero is displayed. The indication "NET" appears. Only the weights of the products added on the scale are displayed. It is possible to insert another tare in case a second product has to be weighed. Again, only the weight added after the tare caption is displayed.

Upon removal of the container, a negative value is displayed. If the scale has captured a tare just before the removal of the full container, the value is the gross weight. The zero indication is on.

4. CHECKWEIGHER
4.1 General
The Checkweigher function activates an alarm whenever the weight on the scale reaches or exceeds the set values included between an Upper Limit and a Lower Limit.

OK Check Mode:
Whenever a range is checked, the LED OK appears (green) and the alarm activates if the weight is inside the limits.
NG Check Mode:
Whenever a range is checked, the LED HI or LOW appears (red) and the alarm activates if the weight is outside the limits.

4.2 Limit Setting

Press `G/N` and **PRINT** together, "`set h`" is displayed, by means of **TARE**

select "SET H" or "SET L", press **ZERO** to enter, **M+** and **MR** to change the active digits,

TARE to change the value, **Print** to delete it. After entering a value, press **ZERO**, press

G/N to exit.

4.3 Checkweigher mode

Press **G/N** and **print** together, "set h" is displayed, by means of **TARE** selelect the

beep, premss **ZERO** to enter, press **TARE** to select ok (OK Check Mode), ng (NG

Check Mode), no (no beep), press **ZERO**, press **G/N** to exit.

4.4 NOTES

The Checkweigher function is available for weights above 20d only.

To desable the Checkweigher function, set both limits to zero pressing **PRINT**

when the current limits are displayed, then press **ZERO** to store zero values.

5. GENERAL TOTAL

5.1 Notes

It is possible to manually store weighing operations pressing **M+**.

Before any storage, the scale shall return to zero. Press **M+** only when the weight

is stable. Weighing operations under 20d are not possible.

5.2 Totalization function

The displayed weight is stored when the weight is stable and pressing **M+**.

"ACC 1" is displayed before the stored total for 2 seconds (the "M+" indicator

appears after the totalization operation).

Remove the weight, and place another one after the scale has set to zero.

Press **M+** , "`ACC  2`" and the new total are displayed.

Keep adding articles.

5.3 Stored total recall

To see the stored totals, press **MR** .

5.4 Stored data deletion

To clear the memory, press **M+** and **MR** together

6. PIECECOUNTER

Keep **MR** pressed to gain access to the Piececounter mode, "`P 10`" is displayed,

press **TARE** to select the sample quantity (10/20/50/100/200), place the same selected

quantity on the scale, press **ZERO** , "-----" is displayed, the the current quantity.

After processing the sample it is possible to add pieces on the platform and their quantity is displayed.

In the Piececounter mode, it is possible to press **MR** for the normal weighing mode.

7. KEYBOARD LOCK

The keyboard locks after 10 minute inactivity, in this condition, pressing any key, "K-LCK" is displayed.

To escape from the lock condition and return to the working mode, keep **PRINT** , **MR** , **ZERO** pressed for 2 seconds, "ULCK" is displayed and the scale returns to the normal mode.

8. BATTERY OPERATION

The scale can be battery operated. The battery has an approximately 70 hour life span.

When the battery needs to be recharged, the arrow above the low battery symbol under the weight display is on. The battery must be recharged as soon as the arrow above the symbol appears. The scale operates for one hour, then it automatically switches off in order to protect the battery.

To recharge the battery plug it in the power network. It is not necessary for the scale to be on.

The battery needs 12 hours to fully recharge.

Under the display, a LED informs about the battery status. When the scale is connected to the power network, the built in battery is recharging.

If the LED is green, the battery is completely charged. If it is red, the battery is almost flat. Using the battery can cause it to fail full recharge. If the battery life span becomes unacceptable, please contact the dealer.

9. SETTINGS

9.1 Backlighting

Keep **ZERO** pressed for 3 seconds, "setbl" is displayed, press **ZERO** to gain access to the backlighting settings, press **TARE** to change backlighting mode (BL ON: always active, BL AU: auto backlighting, it is activated pressing any key or adding a load on the scale, BLOFF: backlighting deactivated), press **ZERO** to confirm, press **G/N** to exit.

9.2 Auto power off

Keep **ZERO** pressed for 3 seconds, "setbl" is displayed, press **TARE**, "setoff" is displayed, press **ZERO** to gain access to auto power off settings, press **TARE** to modify the auto power off time (ON: always active, 5: auto power off after 5 minutes in standby, 15: auto power off after 15 minutes in standby), press **ZERO** to confirm, press **G/N** to exit.

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