



Instruction manual

ELECTRONIC SCALE

LABORCOM 100	5830125
LABORCOM 200	5830126
LABORCOM 10000	5830127
LABORCOM 5000	5830128
LABORCOM 20000	5830129
LABORCOM 30000	5830130
LABORCOM 600	5830131
LABORCOM 1000	5830132
LABORCOM 2000	5830133

MAIN FEATURES

- High accuracy
- Durable plastic housing
- Large stainless steel plate
- High-contrast, easy-to-read LED display
- Built-in rechargeable battery
- Height adjustable feet
- High-capacity subtraction
- Rapid response
- Overload protection
- Selectable units of measurement: g, oz, ct, lb
- Weight check
- Parts counting function

SPECIFICATIONS

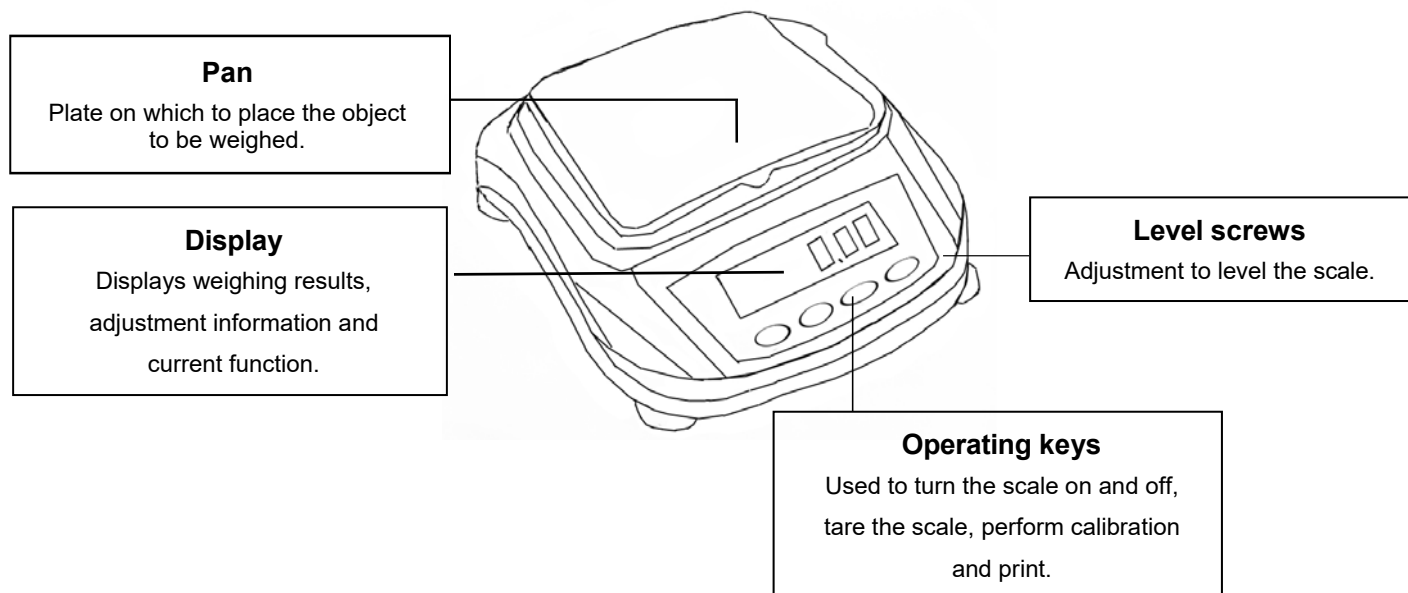
MODEL	CODE	CAPAC. WEIGHING g	PRECISION ±g	MEASUREMENTS mm Depth x Width x Height			PAN mm Ø
LABORCOM 100	5830125	100	0,01			80	133x182
LABORCOM 200	5830126	200	0,01	280		80	133x182
LABORCOM 10000	5830127		1			80	143x192
LABORCOM 5000	5830128		0,1			80	143x192
LABORCOM 20000	5830129	20000	1	280		80	143x192
LABORCOM 30000	5830130	30000	1	280		80	143x192
LABORCOM 600	5830131	600	0,01	280		80	133x182
LABORCOM 1000	5830132		0,1			80	143x192
LABORCOM 2000	5830133	2000	0,1			80	143x192

Operating temperature range: 5-35°C

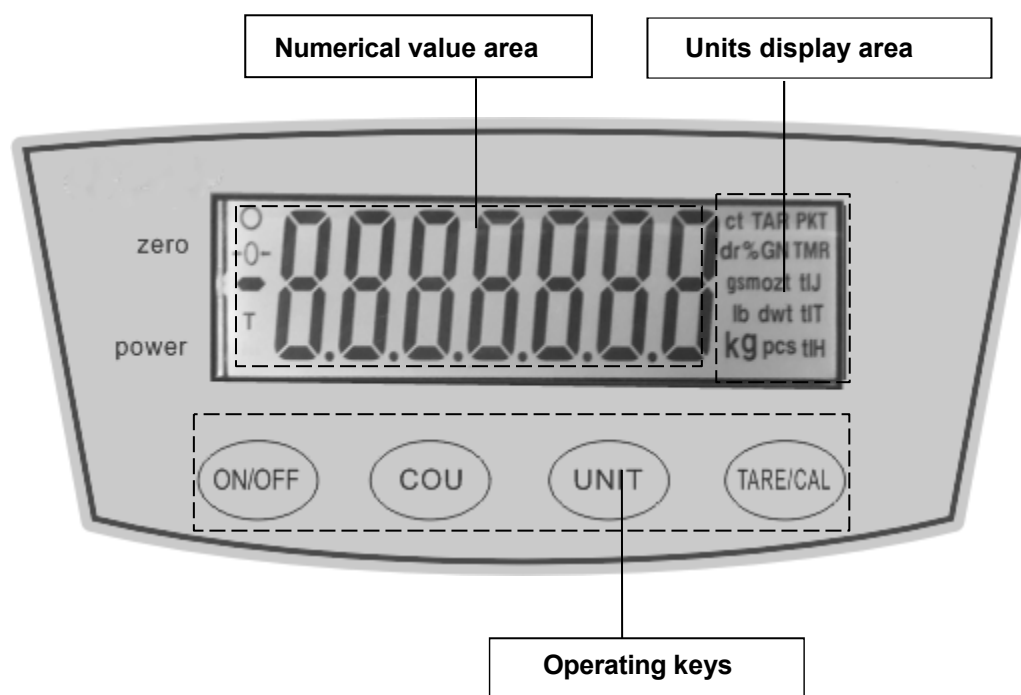
Humidity: 50-85%.

EQUIPMENT CONFIGURATION

DEVICE



CONTROL PANEL



OPERATION KEYS

Key	During operation	
	Press once and release	Press and hold for a while
ON/OFF	Switching the scale on and off	--
COU	Select the counting function	--
TAR/CAL	Tare the balance (zero the balance)	Perform calibration
UNIT	Select the units	--

ASSEMBLY

Unpack the package, and place the pan on top of the charger.

Place the balance on a flat, stable surface away from vibrations, direct sunlight, air shocks or strong magnetic vibrations.

The battery is under the scale, unlock it to switch on the scale, and lock it again if it has to be transported.

STARTING UP

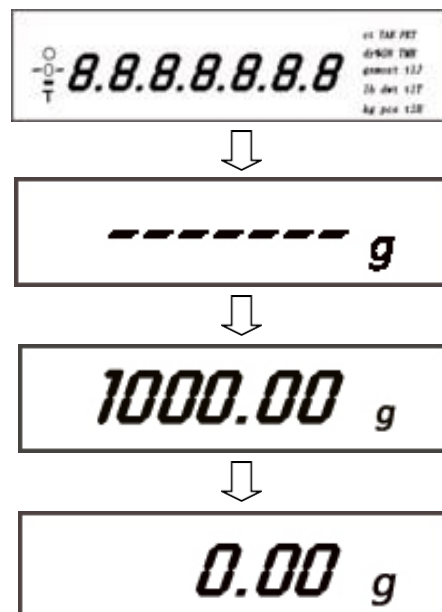
1. Connect the scale to a 220V mains supply.
2. Press the ON/OFF key to switch on the scale. The display will turn on and show the following numbers:

8.8.8.8.8.8

And then the maximum capacity.

Finally, the balance will be in standby mode and will show on the display: **0g**, **0.0g** or **0.00g**.

Note: the duration time ----- will depend on the stability of the load cell, therefore, the balance should not be placed on an unstable surface or in a windy place. If the display flashes, the balance is not stable and will not perform calibration or counting operations.



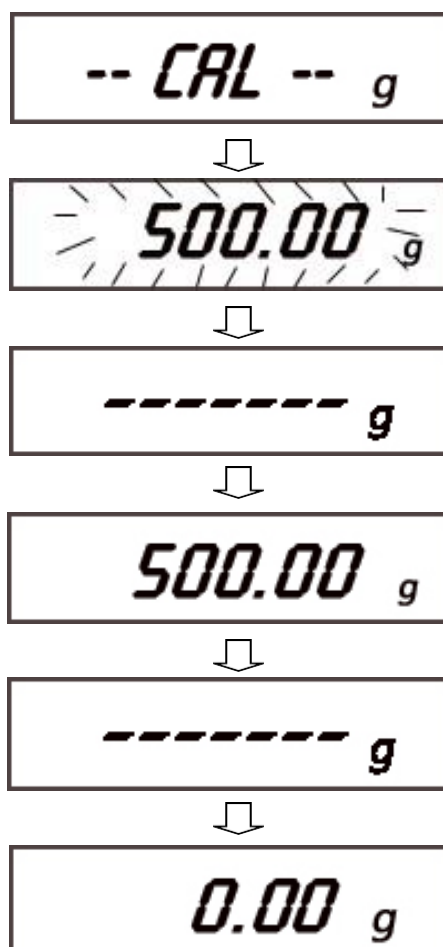
CALIBRATION MODE

Calibration of the balance will be necessary to achieve better performance if there is an obvious tolerance error in the weighing or if the balance is located at a different latitude.

It is recommended to warm up the balance for more than half an hour before calibration.

When the weighing pan is empty, press the **TARE** key to clear the previous readings. Press the **CAL** key for approx. 3" until "--CAL--" is displayed. When "500.0" (or another value depending on the model) flashes, place a calibrated standard weight according to the scale model. The display will show ----- for a few seconds before the standard weight figure is shown on the display. Remove the weight. The standby mode ----- will remain for a few seconds before the balance enters the stable weighing mode, displaying **0g**, **0.0g** or **0.00g**.

It is recommended to perform this operation twice for best results.



WEIGHING MODE

When the balance is calibrated, **0g**, **0.0g** or **0.00g** will be shown on the display indicating the weighing mode. Place the material to be weighed on the pan. The weight of the material will appear on the display.

COUNTING MODE

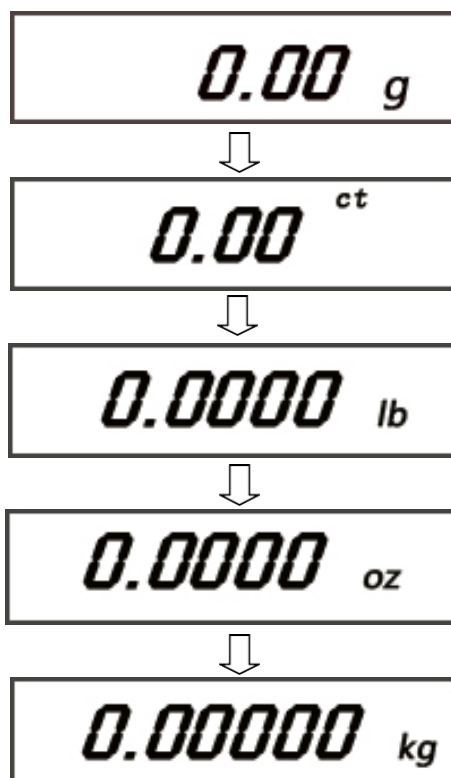
Remove all parts from the pan, press the **TARE** function key to clear the readings from the display, and press the **COU** function key to enter the Count mode. By default, the number **10** (as the number of samples) will be displayed. It will change the weight units from **g** to **pcs**. Place 10 pcs on the pan, press the **COU** key, the display will show **-----** for some seconds and then number **10** will be displayed. The scale will then enter the piece counting mode.

Note: In the counting mode, the weight of the samples must be uniform, not less than the average weight of the balance.

To return to the weighing mode, press the **COU** key.

UNIT CONVERSION

Press the **UNIT** function key to switch between **ct / oz / lb / g** weighing units. The default weighing unit is **g**.



POWER SAVING MODE

Press and hold the **COU** function key for 3 seconds, **OFF** will appear on the display. Then press the **COU** function key again once, and **ON** will appear on the display. And then press the **COU** function key once again, and the display will show **0g**, **0.0g** or **0.00g**. The balance will enter Power Save mode, and in 10 seconds it will be in standby. To exit Power Save mode, perform the same operation.

LOADING OF THE BALANCE

When  flashes on the display, the scale needs to be charged.

When  flashes once and  flashes once, charging is in progress.

When  flashes twice and  flashes once, charging is complete.

The scale cannot be switched ON or OFF automatically in Charge mode, please note always to lock the battery in the closed position.

OVERLOAD

The weight of the material to be weighed may not exceed the maximum rated capacity of the balance. If it does, the display will show and the material must be removed from the pan immediately to prevent damage to the balance.

ADVICES

- Preheating is necessary before any operation on the balance.
- In **TARE** mode, the tare value may not exceed the maximum capacity of the balance.
- Calibration is required to ensure reliable weighing.
- Switch off the balance when not in use
- It is suggested to turn the pan clockwise before removing it from the balance.
- It is recommended to charge the battery every 3 months, even if not in use.

GUARANTEE

This product has a warranty period of one year from the date of invoice. The warranty does not cover damages caused by an improper use or by causes beyond COMECTA S.A.'s control.