

User Manual

Models:

- BL 2002 Basic
- BL 6001 Basic

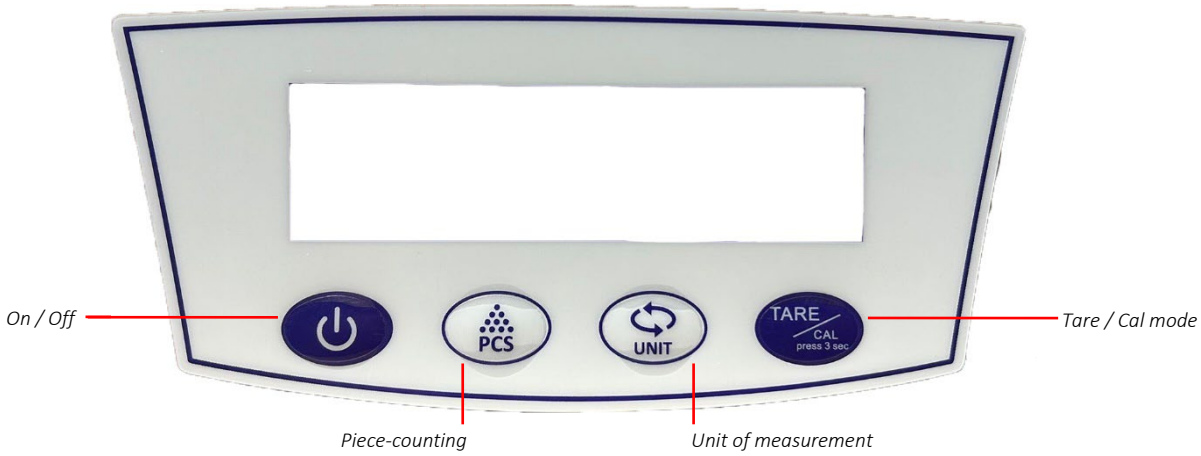
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1. Installation

- Set the scale in place and, using the leveling feet, adjust the inclination.
  The scale MUST be in level.
- Protect the scale from air currents, so do not install near windows or A/C units.
- Protect the scale from vibrations.
- Working temperature: 5°C … 35°C.
- Installation and removal of the scale should be done with the machine switched off.
- Do not use the scale upside down.
- After switching on, wait at least 30 minutes of warm-up time before performing the first weighing.
- For support, contact your dealer or an authorized assistance center.

2. Keyboard



3. Start

After leveling the scale, press the “ON / OFF” key to switch on the scale. You will see on display the software version, the capacity of the scale, and finally the measurement mode. After switching on, wait at least 30 minutes of warm-up time before weighing.

4. Calibration

Each single scale is calibrated in the laboratory by qualified technicians using certified sample masses.
Calibration procedure:
Switch on the instrument and wait for 30 minutes warm-up time.
Press and hold the “TARE / CAL” key for 3 seconds. The display shows in order “--Cal--" and the flashing value (g) of mass to be used for calibration.
Place the corresponding certified weight on the weighing pan, the display initially shows "-------", then followed by the weight value. Remove the weight, the display will show “------“ for a few seconds before showing 0,00 g (BL 2002 Basic) or 0,0 g (BL 6001 Basic). **At this point, calibration is completed.**

5. Unit setting

Use the “UNIT” key to select the required unit of measurement with which to display the result: g, kg, ct, T, TAR, dr, PKT, GN, TMR, gsm, tlJ, mo, dwt, oz, lb, tlT, ozt, tlH and %.

6. Tare

After setting the Tare on the scale pan, press the “TARE / CAL” key to reset the displayed value to 0,00 g (BL 2002 Basic) or 0,0 g (BL 6001 Basic). The load used for Tare is to be subtracted from the total weighing capacity.

7. Measure

Once you have done the Tare (or not), place the sample you wish to weigh on the plate. When the stable measurement indicator appears, read the result on the display.

8. Piece-counting feature

Remove all loads from the plate, press “TARE / CAL” key to clear the readings in the display, press “PCS” key to enter in piece-counting mode, figure 10 (default sampling quantity) will be shown in the display, weighing unit changes from g to pcs. Put 10 samples on the plate, press “PCS” key, the scale will show “-----“ before, then it will show 10 pcs on the display. The scale entered in piece-counting mode.

9. Battery

Pay attention to the battery locker under the scale: switch the locker to “open” to turn on the scale and to recharge the battery. The scales are equipped with rechargeable battery. To recharge it, use the power supply sold along with the scale and connect it in the input on the back of the scale. The scales can also operate on network power.

10. Data sheet

Model	BL 2002 Basic	BL 6001 Basic
Code	27000303	27000293
Capacity	2000 g	6000 g
Resolution	0,01 g	0,1 g
Repeatability	± 0,02 g	± 0,2 g
Linearity	± 0,02 g	± 0,2 g
Minimum weight	0,01 g	0,1 g
Pan size (mm)	160 * 120	192 * 143
*Size (L*l*H mm)*	250 * 240 * 65	250 * 240 * 65
Weight	1 kg	1 kg
External calibration	Yes	Yes
Piece-counting feature	Yes	Yes
Rechargeable battery	Yes	Yes
Protective cover	Yes	Yes
Adjustable feet	Yes	Yes



Electrical and electronic equipment with this symbol affixed may not be disposed of in public landfills. In accordance with the WEEE Directive 2012/19/EU, European users of electrical and electronic equipment have the option of returning used equipment to the Distributor or Manufacturer when purchasing new equipment.
Illegal disposal of electrical and electronic equipment is punishable by administrative fine.