USER MANUAL

BL 2002 Basic

Features

- High Precision Loadcell
- Rugged Plastic Housing
- Big size Stainless Steel Platter
- High contrast easy to read LED display
- Built-in rechargeable battery
- Height adjustable feet
- Fast response
- Overload Protection
- Below Balance Weighing Facility
- Selectable measure units, g, oz, ct, lb
- Piece counting function

ASSEMBLING
- Unpack the package, put the platter on the top of the loader.
- Put the balance on a steady flat surface away from vibration, direct sunshine, air blow or strong magnetic disturbance.
- Battery locker is at the bottom of the balance, switch the locker to 🔓 to turn on the balance, please switch the locker to 🔒 during moving or transportation

TURN ON THE BALANCE
Connect the balance to power supply.
Press function key ON/OFF to turn on the balance, the balance will in turns display following figures,
8.8.8.8.8.8.
Battery Voltage U=
Maximum capacity

Finally, the balance stays in a standby state, showing 0.00g on the display

Notice: the lasting time of --------- will be decided by the stability of the loadcell, thus, the balance must not be located on an unstable surface or near windows or air flow. If symbol flashes in the display, it means the balance is not in a stable condition, calibration and counting operations is not allowed.

CALIBRATION
- The purpose for this operation is to calibrate the balance, to achieve the best performance in case there is obvious tolerance error in weighing or the balance is located in different gravity due to different latitude.
- it is suggested to warm up the balance over half an hour before calibration.
- Remove all loads from the platter, press function key **TARE** to clear the readings to 0.00g.
- Press and hold function key **CAL** for 3 seconds, release function key **CAL** when "---CAL---" is shown in the display, a figure of standard weight will flash in the display, put a standard weight on the platter accordingly, standby state "------" will be shown in the display for a few seconds before the standard weight figure is shown in the display, remove the weight, "------" standby state will remain for a few seconds before the balance enter stable weighing mode, showing 0.00g.
- It is recommended to make the operations twice to achieve the best calibration result.

WEIGHING

When the balance is warmed up and calibrated, 0.00g is shown in the display indicating weighing mode, put the object on the plate. Wait for the stability, the weight of the object is shown in the display.

TARE

When a loader is put over the plate, its weight is shown in the display, press function key **TARE**, 0.00g will be shown in the display, indicating the weight of the loader is deducted. Put the object into the loader, when stable, the figure shown in the display is the weight of the object.

PIECE COUNTING

Remove all loads from the plate, press function key **TARE** to clear the readings in the display, press function key **PCS** to enter 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 function key **PCS**, the balance will show "-----" before it shows 10 pcs in the display, the balance enters counting mode.

Notice: In counting mode, the weight of the sampling objects should be even, the weight of the individual sample should not be less than the division of the balance.

Return to Weighing Mode: Press function key **PCS** to return to Weighing mode.

Unit Conversion

Press function key **UNIT** to change from weighing unit ct/oz/lb/g, default weighing unit is set to g.

POWER SAVING MODE

Press and hold function key **PCS** for 3 seconds, **OFF** will appear in display, press function key **PCS** once, **ON** will appear in display, press function key **PCS** again, 0.00g will show in the display, the balance enters power saving mode, the balance will enter standby state in 10 seconds.
Make the same operation to exit power saving

CHARGE THE BALANCE

- When 🔋 flashes in the display, charging is required.

- When 🔋 flashes once and 🔋 flashes once, charging in progress

- When 🔋 flashes twice and 🔋 flashes once, charging completed

- The balance cannot be turned on or auto power off in charging mode, please switch the battery locker to 🔒 position.

OVERLOAD

The weight of the objective cannot exceed the rated maximum capacity of the balance, when exceeding, "-------" will be shown in the display, remove the objective immediately from the platter so as to prevent damages to the balance.

TIPS

- Warming up is necessary before any operation to the balance.
- In TARE mode, the value of the tare cannot exceed the maximum capacity of the balance
- Calibration is necessary to ensure a reliable weighing.
- Switch off the balance when it is not used.
- It is suggested to charge the battery every 3 months when it is not in regular use.

Disposal of electronic devices

The electrical and electronic equipment marked with this symbol cannot be disposed of in public landfills. According to the UE Directive 2002/96/EC, the European users of electrical and electronic equipment can return it to the dealer or manufacturer upon purchase of a new one. The illegal disposal of electrical and electronic equipment is punished with an administrative fine.