


## BEFORE USING THE SCALE

To enable you to use this scale correctly, we suggest you read this manual carefully.

1. Do not use scale in areas with excessive water and don't spray the scale or indicator with water when cleaning. Erase all water from the scale and indicator with a clean dry duster cloth.
2. Load placed on platter must not exceed the maximum weighing capacity of the scale.
3. Keep the scale away from high temperature and damp conditions.
4. If the scale is not going to be used for some time, please clean and store it in a plastic bag under dry condition. A desiccant sachet is suggested to be included to prevent moisture build up. In addition, the internal rechargeable battery should be recharged very three months.
5. Before using the scale after a long period of storage, please ensure that the internal battery is fully charged. **Note** : Care should be taken not to leave the internal battery on charge for too long, as this may decrease life of battery.

## PREPARING TO USE THE SCALE

1. Put the scale on a firm level surface from vibrations for accurate weight readings.
2. Adjust the four leveling feet to set the level of scale platform.
3. Avoid operating the scale in direct sunlight or drafts of any kind.
4. Take away any weight that might be on the platform before the scale is switched on.
5. Once the scale has been switched on, it will go through a LCD display test and then re-zero to be ready for use.
6. Please note when “” display on window, the internal battery needs to be charged.
7. All goods weighed should be placed in the centre of platform for accurate weighing. The footprint of the goods being weighed should not overstep the edges of platform.

## INTRODUCTION

### A. FEATURES

1. Multiple weighing units: kg / lb / oz / HL.
2. Working temperature: -10°C~40°C.
3. User-friendly design:
  - ✧ Auto calibration
  - ✧ AC / DC power supply
  - ✧ LCD display with auto backlight function
  - ✧ Auto power-off design to ensure the performance stability
  - ✧ Date & time displays when scale is free.
  - ✧ Check-weighing function, HI / LO / OK annunciate & alert buzz.
4. Variable calibration settings depending on the different calibration division.
  - ✧ Standard division (under 10,000 internal resolution): Capacity and weight calibrations are available for accurate weighing.
  - ✧ High precision division (over 10,000 to 40,000 internal resolution): Linearity, capacity and weight

calibrations are available for accurate weighing.

## 5. Options

- ✧ RS-232 interface
- ✧ Rechargeable battery package ( Option part when ordered )


## 6. High performance in A/D converter

- ✧ Conversion speed: up to 10 times / second
- ✧ Internal resolution: 400,000
- ✧ External resolution: 1/1000 ~ 1/15000
- ✧ Non-linearity: < 0.016% of full scale
- ✧ Input range of load cell: 1.0 ~ 20 mv
- ✧ Load cell excitation: + DC5V
- ✧ Load cell drive capacity: up to 4 350Ω or 1000Ω load cell

## B. POWER SUPPLY

1. Rechargeable battery: DC 6V / 1.2Ah (Selectable when ordered).
2. Adapter power: AC 100~220V, 50Hz / DC 12V, 500mA.

## C. LOW BATTERY WARNING

Please note when  symbol is displayed on the window, the internal battery needs to be recharged.

- ☆ The scale will power off automatically without recharging after the low battery symbol shows upon for 20 to 30 hours on the display. As a recommendation, the scale should be fully recharged before using the scale again.

## LCD DISPLAY SYMBOLS



: 'Zero' indication.



: 'Battery' indication



: 'Tare Weight' indication



: 'HL' unit



: 'Net weight' indication



: 'oz' unit



: 'Gross Weight' indication



: 'lb' unit

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