

## Using Scale with Batteries

You will require 6 AA batteries. Remove the battery compartment cover underneath the scale and connect the battery. Insert the battery into the compartment. Replace the battery compartment cover. Remember to remove the battery if the scale is to be stored for a long period of time, or if AC power is to be used.

## Operate on a Firm, Flat, Level surface

In order to operate correctly, the scale must be installed on a firm, level, flat surface.

## Interface with internet postage software

The scale is compatible Endicia.com internet postage software. Use the serial cable supplied with the scale to connect to your PC.

## ERROR DISPLAY

**Low Power!** Will pop up in every 20 secs for 0.5secs on the upper left corner of the LCD when the input power is insufficient.

**Overload!** Will display when the weight on the platform, in normal mode, exceed 22lb 1.09oz i.e. 10010 grams.

**ZeroLow!** Will display just after "Self-Testing...", if the base frequency set in the calibration mode for 0kg is LOW.

**ZeroHigh!** Will display just after "Self-Testing...", if the base frequency set in the calibration mode for 0kg is HIGH.



# ES10000i

## Electronic Precision Scale with Serial Interface

# User Manual

### Scale Features

#### Serial Interface with PC for internet postage software

**Weight** – in four modes

- ✓ pounds (lbs)
- ✓ ounces (oz)
- ✓ pounds, ounces (lbs, oz)
- ✓ grams (g)

**Count** – Counts the number of identical items on the scale prior to weighing exactly twenty items.

### Specifications

- Capacity : 10 kg / 22 lb 0.74oz
- Graduation / Resolution : 1g / 0.03 oz
- Minimum Weight : 1g
- Accuracy : ± reading of 1digit
- Power consumption : Approx. 0.40 watts
- Tare : 3lb 4.91oz (1500g) maximum
- Weight of Unit Scale : 2lb 8.35oz (1144g)  
(Batteries not included)
- Dimensions : 26.5cm X 20cm X 6.7cm  
(Height Without Platform)
- Platform Size : 19.5cm x 15cm
- Power supply : 6 x 1.5V AA size Battery or  
Mains via 9 Volts Main Adapter

## Preparing the scale for use

- 1) Fix the weighing platform to the body of the scale via the location points. The slope edge of the platform should face the front part.
- 2) Plug the mains adapter supplied with the scale into the mains and connect the adapter's output plug to the input socket at the rear of the scale.
- 3) Plug in the Interface cable at the rear of the the scale and the PC
- 4) Place the scale on a firm level surface, switch on the mains supply. and press the scale "ON/OFF" key.
- 5) The display will show "Self-Testing..." for sometimes and "Weight" on the upper left corner and "0.00oz" on the lower right corner. Now the scale is ready for weighing and counting. This is the normal mode of the scale.

## Operating the scale

### Weighing

- 1) Pressing the corresponding button labeled with the specific unit of measurement will change to that unit of weight. When already in "Counting Mode", pressing the unit of weight buttons will reset the scale back to Normal Weighing Mode.

### Counting

- 2) Before the scale can be used for counting, from the normal mode, press COUNT. The scale will ask for 20 items to be placed on the platform. Press COUNT again to set the weight of 20 items. (THE WEIGHT OF THESE 20 ITEMS SHOULD BE  $\geq$  20GRAMS). Consequently, the scale will have the weight of a single piece in memory.
- 3) After this initial setting, the scale will be in the "Counting Mode". The display will show "Count" on the upper left corner and the number of counts on the lower right corner.
- 4) Place more objects on the platform and the scale will display the corresponding count in respect to the 20 items placed before.
- 5) If "Count" key is pressed again, in Counting Mode, when Count is displayed on the LCD, the scale will memorize the weight of whatever objects placed on the platform as the weight of 20items.

### Tare

Press to tare or set the scale to zero when a container is used. It is possible to tare in the "Counting Mode" also.

### Zero

Tracks the scale back to zero point. This key can track weights upto 1.41oz to zero.

## Calibrating the scale

In the event that the scale loses accuracy and needs recalibration, it may be returned to SCALES USA for recalibration. Recalibration may be required if the load cell of the scale is overloaded due to dropping something heavy on the scale, or dropping it. There is a nominal charge for this service.

## Operating Temperature

The scale is designed to operate a normal room temperatures.

If subjected cold or warm temperatures, it should be allowed to reach room temperature before operating

## Using the Supplied AC Adapter

Connect the AC adapter into the power jack on the rear of the scale and plug it into an outlet. It is advisable to remove the battery when using AC power