

# US-ACE USER MANUAL

Thank you for purchasing our digital scales. Please read all operating instructions carefully before use. This electronic scale is a precision instrument. With normal care and proper treatment, it will provide years of reliable service.

Never load the scale with more than the maximal capacity. Overloading will permanently damage it! Avoiding any exposure to extreme heat or cold, your scale works better when operated at normal room temperature. Always allow the scale to acclimate to normal room temperature for at least one hour before use.

Give your scale sufficient warm up time. Usually 30-60 seconds before calibration to give the internal components a chance to stabilize.

Keep your scale in a clean environment. Dust, dirt, moisture, vibration, air currents and a close distance to other electronic equipment can all cause an adverse effect on the reliability and accuracy of your scale.

Handle with care. Gently apply all items to be weighed onto tray top. Although this scale is designed to be quite durable, try to avoid rough treatment as this may permanently damage the internal sensor.

Avoid shaking, dropping or otherwise shocking the scale. This is a precision instrument and must be handled with extreme care.

**ONLY OPERATE THE SCALE ON A STABLE, VIBRATION FREE SURFACE.**

## I. OPERATION

1. Place scale on a horizontal flat surface, press [ON/OFF] key to turn on the scale.
2. Wait until "0.00" is displayed
3. Put the object(s) on the weighing platform

## **II. TARE WEIGHING**

1. Turn on scale as described above
2. Place the "tare item" on the platform
3. Press [TARE] and wait until "0.00" is displayed
4. Add the "net-weight-item"

## **III. CALIBRATION**

1. Turn on the scale by pressing [ON/OFF] key.
2. Wait until the LCD displays "0.00" and then press and HOLD [MODE] key for 3 seconds, the LCD will display "CAL", and then release the [MODE] key.
3. Press [MODE] key again, the LCD will display "CAL" followed by the required calibration weight.
4. Add the required calibration weight, the display will show "PASS" and return to normal weighing mode.
5. Put away the calibration weight and press [ON/OFF] to turn off the scale and the calibration is finished!

## **IV. SPECIFICATION**

Capacity: 100g/3.527oz/1543gn/500ct

Readability: 0.01g/0.001oz/0.15gn/0.05ct

Units: g/oz/gn/ct

Calibration: Auto calibration

Tare range: Tare full capacity

Auto off(default): 30 seconds off

Operation temperature: 10-30°C

Display: LCD 5 1/2 digits

Dimensions: 128x77x19mm

Weight: 166g

**Tested to comply with FCC standards**