



## US-BENCHTOP-PRO - User Manual

**Capacity: 2000g x 0.1g - Weighing modes: g, oz, gn, dwt, ozt, N**

*Thank you for purchasing US-BENCHTOP-PRO digital scale. Please read all operation instructions carefully before use.*

**Scales are precision instruments and should always be handled with proper care. To ensure years of reliable service, keep these simple tips in mind:**

- Do not exceed the scales maximum capacity. Overloading your scale can permanently damage it!
- Avoid exposure to extreme heat or cold. Scales perform best at normal room temperature. If temperatures have changed dramatically, recalibration may be necessary.
- Allow your scale to acclimate to the room temperature for at least one hour before use.
- Store your scale in a clean, dry location. Dust, dirt, and moisture can accumulate on the weighing sensors and electronics causing inaccuracy or malfunction.
- Avoid using you scale in close proximity to strong radio wave emitting devices such as computers, cash registers, and cordless phones.
- Always weigh on a flat level surface, free from vibrations and drafts. The corner of a room is usually the most stable.
- Gently apply all items to be weighed. Do not drop items onto the weighing platform.
- Avoid dropping your scale. The warranty does not cover damage due to rough treatment or overload.

### I- Display Messages:

- **LO** - Low battery; please change the batteries in the scale.
- **OuEr** - The load cell of the scale is being overloaded. You need to remove the excessive weight from the scale immediately.
- **UnSt** - The scale is placed on an unstable surface, please move the scale to a more stable surface.
- **rCAL** - the scale cannot return to zero, please recalibrate the scale.
- **CAL** - This is the prompt for beginning the calibration process of your scale. You will see this message when you press and hold the Cal button on your scale.

Once this message appears, you must release the button and follow the remaining steps for calibrating your scale.



- **PASS** — you have successfully calibrated your scale, you are now able to use the scale.
- **FAIL** — Calibration has failed, please make sure you have the scale on a stable surface and that you are using the correct weight to calibrate the scale. Try to calibrate the scale following the calibration instructions exactly.

### I- SPECIFICATION

<b>Capacity</b>	2000g/17.64oz/ 30864gn/1286.5dwt/64.30ozt/ 19.61N
<b>Readability</b>	0.1g/0.0035oz/ 1.54gn/0.064dwt/0.0032ozt/ 0.0009N
<b>Units</b>	g/oz/dwt/ozt/gn/N
<b>Tare range</b>	Tare full capacity
<b>Auto off</b>	60 seconds
<b>Operation temperature</b>	50-86F
<b>Power</b>	2 x AAA Batteries (Included)
<b>Dimensions</b>	6.4 x 4.5 x 1.2

### US Balance Scale Instructions:

#### I- ON/OFF FUNCTION

Place your scale on a flat and stable surface away from any electronic equipment that may interfere with the scale. Press and release the 0 button, wait until the display shows "0.0" and the zero-stable sign , you may now place the object you want to weigh on the platform. The scale can be read when the lock sign  is shown in the display.

#### II-TARE FUNCTION

1. Turn on scale as described above.
2. Place the "**Tare item**" on the platform.
3. Press [**Zero**] button to zero out the display, and wait until [**0.0**] is displayed.
4. Place items you want to weigh on the scale. Once you finished weighing, remove all objects from the scale; press the "**zero**" again to cancel the **TARE FUNCTION**.

#### III-RETURN TO ZERO



After weighing an item, if the display does not read "0.0" press the TARE button to return to "0.0" and you are ready to weigh again.

#### III-CHANGE WEIGHING MODES

Press the "**MODE**" button to change weighing modes on your scale.

This scale has 6 weighing modes: **g, oz, gn, dwt, ozt, N**

### **III-CALIBRATION**

1. Place the scale on a flat surface then press  key to turn on the scale and wait until [0.0] is displayed.
  2. Press and hold the **COUNT&CAL** button until the display read [CAL] and then [400.0] will flash on the LCD display.
  3. Place a total of **400g** weight on the center of the platform.
  4. The LCD display reads [PASS] and then [400.0]. **CALIBRATION COMPLETE**
  5. Remove the weight and press  to turn off the scale. Finish!
- Repeat this process if something was going wrong. Please check the availability of weights at the store you bought your scale from.

### **V-PARTS COUNTING FUNCTION**

Place a small quantity of the item you want to count on the platform, (please note this should be a quantity of 10, 25 or 50pcs previously counted out by hand.) After the display shows the weight of the items, then press the “**COUNT&CAL(Contar/Cal)**” button, the display will automatically show 10, use the **COUNT&CAL(Contar/Cal)** button to change your quantity selection until it is the same as the quantity on the scale. The “**PARTS**” function will be set up automatically once you have chosen the quantity and wait for several seconds. Remove the items and the display will show “0” you may now count out items as long as their total weight does not exceed 2000g. Once you are finished with the PARTS COUNTING FUNCTION, press the “**COUNT&CAL(Contar/Cal)**” again to cancel the “**PARTS**” function.

### **V-OPERATING ENVIRONMENT**

The optimum operating temperature for the scale is 50-86 F/10-30°C. Rough handling of the scale will damage the internal sensor; so you must avoid actions such as shaking or dropping the scale. This is a sensitive electronic equipment and will be effected by things such as moisture, extreme temperature changes, magnetic fields, careless handling and misuse.

### **V-AUTOMATIC SHUT-OFF**

*The scale will automatically shut-off after 60 seconds of inactivity this is to help conserve the battery power. We recommend good quality AAA batteries.*

**Tested to comply with FCC standards**