



US-GRANDE - User Manual

Capacity: 3000g x 0.1g - Weighing modes: g, oz, gn, dwt, ozt, ct

Congratulations on the purchase of an US BALANCE Digital scale.

With normal care and proper treatment, this scale will provide years of reliable service.

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.

1- SPECIFICATION

Capacity	3000g
Readability	0.1g
Units	g/oz/dwt/ozt/gn/ct
Key function	ON/OFF, TARE, MODE, PCS
Auto off	30 seconds of inactivity
Display	LCD display with blue backlit
Operation temperature	50-86F
Power	2 x AAA Batteries
Dimensions	7.1"X 1.1" X 4.6"

2-OPERATION

1. Place the scale on a leveled surface & press **"ON/OFF"** key to turn on the scale or power it off.
2. Wait until the LCD display **"0.0"**, then press **"MODE"** key to choose the weighing unit.
3. Place the item to be weighed on the surface and wait until the reading is stable.

3-TARE FUNCTION

1. Turn on scale as described above.
2. Place the **"Tare item"** on the platform.
3. Press **[Tare]** key to zero out the display and wait until **[0.0]** is displayed.
4. Place items you want to weigh on the scale.

4-CALIBRATION

1. When the scale is turned off, press ON/OFF key to turn on the scale, until zero is displayed.
2. Press and hold the **MODE** key, until the required weight flashes on the displayed.
3. Place the required weight onto the center of the platform.
4. The LCD display reads **"PASS"** and come back to the normal weighing mode.

6-COUNTING FUNCTION

1. Place the scale on a leveled surface & power it on.
2. **Sampling:** Prepare a sample quantity (25, 50, 75 or 100pcs) of the item you want to count. Put the items on the platform. Press the and hold the C/R button until the scales shows **"25"**, **"50"**, **"75"** or **"100"**. Press the **"MODE"** button to switch the above figures to match the quantity of the items on the platform. Press the **"pcs"** button again and the display will show PCS in the upper left hand corner. **Sampling is completed.**
3. **Counting:** Turn on the scale and press the **"pcs"** button. Put the items you want to count on the platform and the display will show the quantity of these items.
4. You don't need to do the sampling again if you count the same item, even if the scale is turned off. If you want to count another item. You will need to re-do the sampling.

7-WARNINGS

1. **"LO"** : Low voltage. Please replace the batteries.
2. **"O-ld"** : Overload. Please remove item quickly to protect the scale.

8-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 sensitive electronic equipment and will be affected by things such as moisture, extreme temperature changes, magnetic fields, careless handling and misuse.

Tested to comply with FCC standards