US BALANCE®

"The Only Weigh!"

USN-600 - *User Manual*

Capacity: **600g x 0.1g** - *Weighing modes*: **g, oz, gn, dwt**

Thank you for purchasing USN-600 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 warm up for 30-60 seconds before performing calibration (if available).

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- SCALE OPERATION

Always weigh on a flat horizontal surface.

1. Before turning the scale on, set the switch on the underside of the scale to the desired weighing mode
2. Press [ON/OFF] key.
3. Wait until "0.0" or "0" is displayed.
4. Place the object(s) on the weighing platform / bowl.

II-TARE FUNCTION

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. Place Item to be weighed

Once you are finished weighing remove all objects from the scale. Press the "TARE" again to cancel the TARE FUNCTION

Return To zero

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

Change Weighing Modes

Press the 'CAL/MODE' button to change weighing modes on your scale.

III-STANDARD CALIBRATION

With the scale turned on and placed on a stable surface,

1. Press and hold the CAL/MODE button. Then display will show "CAL",
2. press and release CAL button again and "100' will flash in the display,
3. Immediately place a 100g weight on the scale.

The scale will reset itself and will give you a PASS message.

Calibration is complete! You can turn off the scale.

IV-OPERATING ENVIRONMENT

The optimum operating temperature for the scale is 50-86V F/10-30C. 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 piece of electronic equipment and will be affected by things such as moisture, extreme temperature changes, magnetic fields, careless handling and misuse.

V-TROUBLESHOOTING

The primary reasons for inaccuracy or malfunction are low batteries, incorrect calibration, overload or operating on an unstable surface. Please keep this in mind and maintain and operate your scale properly.

[**LO**]   Low battery, please replace the batteries.

[**OuEr**]   The load cell of the pocket scale is being overloaded. You need to remove the excessive weight from the scale immediately.

[**UnSt**]   The pocket scale is placed on an unstable surface, please move the scale to a more stable surface.

[**rCAL**]   the pocket 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.