



# TABLE TOP SCALE HD

# User Manual

# Instruction Manual of HD Series Digital Scale

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Thank you for purchasing the scale. With normal care and proper treatment it will provide years of reliable service. Please read all operating instructions carefully before use.

## I. Proper operation and environment

1. Avoiding any exposure to extreme heat or cold, your scale works better when operated at normal room temperature. Do not get the scale wet. If it gets wet, please wipe it with a dry cloth.
2. 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.
3. 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.
4. 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.
5. Avoid to put the weight object on platform for long time.
6. If the scale will not be used for a long time, please remove the battery, clean the scale and store in a clean poly bag. A desiccant is suggested to be included.
7. Avoid shaking, dropping or otherwise shocking the scale.
8. Only operate the scale on a stable, vibration free surface.
9. Items should always be placed on the center of the platform when being weighed.

## II. Calibration

This scale is calibrated at the factory, but frequent use or slight shock can sometimes affect the calibration. In such cases you may need to recalibrate the scale. Before starting calibration, insure that the area you are working on is free of any drafts, **vibrations**, and you are using a flat level surface.

- Switch off the scale;
- Hold MODE key then hold ON key, don't release any of two keys until **CAL - 5** then some digits is displayed;
- **ZERO** is displayed after releasing the two keys at same time;
- Press MODE to set the zero point;
- Then blinking the value of calibration weight;
- Put the corresponding calibration weight on the center of platform gently and keep the table in stable.
- **PASS** will be displayed on LCD means calibration process is complete.
- If Pass can't be displayed for a long time, please change another place and recalibrate again.

## III. Precautions Before Using the Scale


- The scale must be in a horizontal position in order to achieve accurate measurement results.
- Don't put any object on scale before powering on.
- When possible please allow the scale to warm up for several minutes before operation.
- Operating temperature range : 5°C ~ 40°C.
- For optimum accuracy, recalibrate before each use.

### **\*\*SPECIAL WARNING\*\***

Cell-Phones, Cordless-Phones, and any radio-frequency device can cause temporary interference and cause the scale to temporarily not work properly. Please do not use any electronic device near the scale. Just like in an Airplane, do not use your cell-phone near the scale when it is in use. While there is NO risk of permanent damage to the scale, interference can cause an incorrect calibration or incorrect weight readings.

## IV. Explanation Of Display Symbols

**zero**: No weighing object on pan. Always start weighing object after "ZERO" displays on LCD.

: Low battery, need to replace batteries or use outer power supply.

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○ : Signal of stable readout;

↓ : Arrow points the according mode.

## V. Keypad functions

**ON/OFF:** Power switch;

**TARE:** This key is used to deduct the weight of an Item or container. Press tare again to exit the tare mode (when empty), then the tare indication will disappear;

**MODE:** For weight unit (g, lb, oz) selection;

**PCS:** Press this key for counting function;

## VI. Operations

### ● Weight units

Press Mode key to choose the preset weight units **g, lb, oz**.

### ● Power on/off

Automatically switch off after 60 seconds or press ON/OFF key when zero to switch off.

Permanent power on if using adapter support.

### ● Tare function

Put a container on the pan and press when the display reading is stable. The tare weight will be stored into memory and display will be brought to zero. "ZERO" indication in the display will appear. The weight will be displayed as net weight. To cancel the tare mode, press when no load on the weighing pan.

※ Tare range : Up to scale's maximum capacity.

### ● Overload warning: "HHHHH"

## VII. PCS function

● Press PCS key to enter to counting status, ↓ points PCS on the window;

● Press and hold PCS key to display sampling size, the last sampling size you used will be displayed at first;

● Press PCS key to choose from 10>>20>>50>>100>>200 in circles before (or at) this stage you can put the sampling object on the platform.

● Press and hold PCS key to confirm the sampling size you prefer.

※ If **LESS** displays on LCD means the weight of each sample is less than the weight of one division.

● Now you can start put another weight object on the platform to count the quantity.

※ TARE function is also workable in counting status.

● Press MODE key to quit the counting status in any time.

## VIII. Specifications

Model	1001	2001	3005	5000	5000A
Max capacity	1000g	2000g	3000g	5000g	5000g
	2.2045lb	4.4090lb	6.612lb	11.020lb	11.020lb
	35.270oz	70.545oz	105.82oz	176.35oz	176.35oz
Readability	0.1g	0.1g	0.5g	1g	0.5g
	0.0005lb	0.0005lb	0.002lb	0.005lb	0.002lb
	0.005oz	0.005oz	0.02oz	0.05oz	0.02oz
Repeatability	±2d				
Linearity	±2d				
Pan size	165*141mm for plastic platform, 167*143mm for stainless steel platform				
Power	DC 6-9V/500mA, or 4x AAA batteries				

VALUE EACH GRAM  
**HiWEIGH**