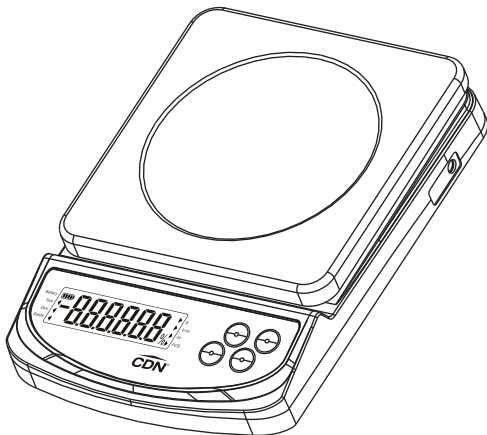Model SD2206

CDN®
Measurement Tools

DIGITAL
PORTION CONTROL
SCALE

22 POUNDS/352 OUNCES/10 KILOGRAMS
by pound:ounces, ounces and grams

Note: In the following instructions, names of the control buttons are shown in CAPS. Function information that appears on the display is shown in **BOLD CAPS**.

ASSEMBLY

Place the plastic platform with stainless steel pan onto the base making sure that the plastic alignment pin inserts into the corresponding hole on the base.

BATTERY INSTALLATION

Replace batteries when LCD becomes dim. **LO** appears on the display and a beep sounds every 5 minutes before turning off when the batteries need to be replaced.

1. Power off the unit before installing the batteries.
2. Remove battery cover on the back by pressing the latch in and lifting up.
3. Install two AAA 1.5V batteries observing polarity shown in compartment.
4. Replace the battery cover until it clicks shut.

OPERATING INSTRUCTIONS

Place the scale gently on a hard and flat surface and make sure it is steady before use to obtain accurate measurements.

A. On/Off

1. Press the ON/OFF/ZERO (ON/OFF/ZERO) button to turn on. The scale sounds a beep and the display flashes all segments, the software version and the voltage value before returning to zero and sounding another beep. The Zero and Stable arrows on the left side of the display indicate that the scale has no load and is stable. The scale is in Weighing Mode.
2. Press the ON/OFF/ZERO (ON/OFF/ZERO) button for 3 seconds to turn off.

B. Auto Off
The scale automatically turns off after 11 minutes of inactivity.

C. Backlit Display
The display is backlit for the first 6 seconds of use to conserve battery life. The display backlights for 6 seconds each time the scale is pressed or an item is placed on the scale. The backlight remains on continually when the AC adapter is used.

D. Unit Selection
1. Press the MODE ((MODE)) button to select the desired unit. The display switches between **g, lb:oz** and **oz**.

E. Weighing Mode
1. Press the ON/OFF/ZERO ((ON/OFF ZERO)) button to turn on.
2. If the display shows anything other than **0**, press the ON/OFF/ZERO ((ON/OFF ZERO)) button once to return the scale to **0**. The Zero arrow on the left side of the display indicates that the scale has no load. The scale is now in Weighing Mode.
3. Place an item on the scale. The weight of the item appears on the display within 1 second after the item is stable.

F. Tare
The tare function resets the scale display to zero in order to measure only the weight of an item. It is frequently used to subtract the weight of containers.
1. When the scale is on, place a container on the platform.
2. Make sure the scale is in Weighing Mode by pressing the MODE ((MODE)) button to choose **lb:oz**, **oz** or **g**.

Note: This device could be sensitive to electrostatic discharge. If electrostatic discharge or malfunctioning occurs, please re-install the battery to reset this unit.

3. Press the TARE ($\overset{\text{TARE}}{\blacktriangle}$) button to reset the display to zero. The Tare arrow on the left side of the display indicates that the scale is in Tare Mode. The display returns to zero.

4. Place the item into the container or directly on the scale platform. The weight of only the last item added will appear on the display.

5. Continue to repeat steps *2.* and *3.* to measure the respective weights of additional items. When all the items are removed from the platform, the total weight of all items appears as negative on the display.

6. To clear the tare, remove all items from the platform and press the TARE ($\overset{\text{TARE}}{\blacktriangle}$) button. The Tare arrow on the left side of the display disappears and the display returns to zero.

G. Piece Counting

1. Press the MODE (mode) button until PCS is selected.

2. Place samples of the item to be counted on the scale platform in increments of 20, 40, 60, 80 or 100.

3. Press the SET/CAL ($\overset{\text{SET}}{\text{CAL}}$) button one time. The display flashes.

4. Press the TARE ($\overset{\text{TARE}}{\blacktriangle}$) button to cycle through the increments of 20, 40, 60, 80 or 100.

5. Confirm the appropriate sample quantity by pressing the SET/CAL ($\overset{\text{SET}}{\text{CAL}}$) button.

6. Remove all items from the platform.

7. Place the items to be counted on the scale platform. The piece count is displayed.

8. To reset the sample data, repeat steps *2.* through *5.* to count different items. The sample data will remain in memory even after the scale is turned off.

H. Field Calibration

1. Press the ON/OFF/ZERO ($\overset{\text{ON/OFF}}{\text{ZERO}}$) button to turn on.

2. Make sure the scale is in Weighing Mode by pressing the MODE ((MODE)) button to choose **lb:oz, oz or g**.

3. When in Zero status, press and hold the SET/CAL ((SET/CAL)) button for 3 seconds. The display flashes.

4. Press the TARE ((TARE)) button to cycle through the standard calibration weight values of 1000 g through 10000 g. Stop at the weight amount that will be used.

5. Place the calibration weight on the scale platform.
   Note: For example, stop at 3000 g and place a 3 kg calibration weight on the scale platform.

6. Confirm the appropriate calibration weight value by pressing the SET/CAL ((SET/CAL)) button. **F** appears on the display to indicate calibration is finished before returning to Weighing Mode.
   Note: Calibration can only be achieved when there is a fluctuation of less than 2%, otherwise not. For example, when a 3 kg weight is loaded, if the display shows between 2940.0 g and 3060.0 g, then the calibration function is available. Otherwise, calibration is not possible.

I. Error Messages

1. **------** indicates an overload when the item being measured exceeds the capacity of the scale. Immediately remove the overweight item to avoid causing damage to your scale.

2. **Err** indicates an initialization problem. The scale turns off automatically after 2 seconds. Turn on the scale again. If the problem persists, please contact CDN.

3. The **Battery Symbol** (IIII) flashes when the battery power is low.

4. **LO** appears on the display and a beep sounds every 5 minutes before turning off when the batteries need to be replaced.

Note: Clean the scale platform before each use.

Note: 2 kg and 5 kg calibration weights available.

USAGE GUIDELINES
- Scales are precision instruments and must be handled with extreme care.
- Battery technology works best at room temperature.
- Place the scale gently on a hard and flat surface and make sure it is steady before use.
- The maximum capacity of the scale is 22 lb/352 oz/10 kg, which is the capacity before using the tare function.
- Do not place overweight items on the scale.
- Store the scale in a position that keeps it free from any load bearing weight. Storing the scale with pressure on the load cells can distort the weight measurements over time.

CARE OF YOUR PRODUCT
- Do not submerge any part of the scale in water.
- Wipe clean with a damp cloth.
- Store the scale at room temperature between 32 to 104°F/0 to 40°C.

PRECAUTIONS
- Keep the scale and/or battery away from children.
- Do not clean the scale with abrasive or corrosive compounds, which may scratch the surface and corrode the electronic circuits.
- Do not subject the scale to excessive force, shock, dust, temperature or humidity, which may result in malfunction, shorter electronic life span, damaged battery and/or distorted parts.
- Do not tamper with the scale's internal components. Doing so will invalidate the warranty and may cause unnecessary battery damage and/or distorted parts.
- Do not subject the scale to excessive exposure to direct sunlight.

- **The unit is not waterproof** — do not immerse it in any liquid, which will result in faulty measurements.
- To avoid deformation, do not place the unit in extreme temperatures.
- Always read the user manual thoroughly before operating.

SPECIFICATIONS

Measurement Range	22 lb/352 oz/10000 g
Unit of Measure	lb:oz/oz/g
Resolution	0 lb:0.1 oz, 0.1 oz, 2 g
Operating Range	32°F~104°F/0°C~40°C/≤90% RH
Accuracy	5 kg ±15 g; 10 kg ±30 g
Power Supply	Two 1.5V AAA batteries; AC Adapter: 100-240 VAC 50/60Hz input, 6V DC (500mA) output
Platform Dimensions	5.9 W x 5.9 L (in)/15.0 W x 15.0 L (cm), removable
Product Dimensions	6.29 W x 1.73 H x 8.81 D (in)/ 16.0 W x 4.4 H x 22.4 D (cm)
Weight	21.06 oz / 597 g
Accessories	2 kg calibration weight (WT02); 5 kg calibration weight (WT05)

For more detailed information on our products, please visit CDNmeasurement.com or call 800-338-5594.