VOLTCRAFT PS-200

VOLTCRAFT PS-200 Pocket Scale Instruction Manual

Model: PS-200 (VC-8912595, 1782519)

1. INTRODUCTION

This instruction manual provides comprehensive guidance for the VOLTCRAFT PS-200 Pocket Scale. It covers essential information regarding the scale's features, setup, operation, maintenance, and troubleshooting. Please read this manual thoroughly before using the device to ensure correct operation and to maximize its lifespan. This precision instrument is designed for accurate weighing of small items, with a maximum capacity of 200 grams and a readability of 0.01 grams.

2. SAFETY INSTRUCTIONS

- Do not overload the scale beyond its maximum capacity of 200g. Overloading can damage the weighing sensor.
- Avoid exposing the scale to extreme temperatures, humidity, or direct sunlight.
- Keep the scale away from strong electromagnetic fields, as these can affect accuracy.
- Handle the scale with care. Avoid dropping it or subjecting it to strong impacts.
- Clean the scale with a soft, damp cloth. Do not use abrasive cleaners or immerse the scale in water.
- If the scale will not be used for an extended period, remove the batteries to prevent leakage.
- This device is not waterproof. Protect it from liquids.

3. PRODUCT OVERVIEW

The VOLTCRAFT PS-200 is a compact digital pocket scale featuring a blue backlit LCD display and touch-sensitive buttons for easy operation. It includes a protective cover that also serves as a weighing tray.

Figure 1: Front view of the VOLTCRAFT PS-200 Pocket Scale with the protective cover open, displaying the weighing platform, LCD screen, and control buttons.

Components:

- **Weighing Platform:** The surface where items are placed for weighing.
- **LCD Display:** Shows weight readings, units, and other indicators. Features a blue backlight.
- **ON/OFF Button:** Powers the scale on or off.
- **MODE Button:** Changes the weighing unit (g, oz, dwt, ozt, cn, gn).
- **TARE Button:** Subtracts the weight of a container, allowing only the net weight of the contents to be measured.
- **PCS Button:** Activates the piece counting function.
- **Protective Cover:** Protects the weighing platform and can be used as a weighing tray.

4. SETUP

4.1 Battery Installation

1. Locate the battery compartment on the underside of the scale.

2. Gently slide open the battery compartment cover.

3. Insert the required batteries (typically AAA, check markings inside the compartment) according to the polarity indicators (+/-).

4. Close the battery compartment cover securely.

Figure 2: Underside view of the VOLTCRAFT PS-200 Pocket Scale, illustrating the open battery compartment with batteries correctly inserted.

4.2 Initial Placement

Place the scale on a hard, flat, and stable surface, free from vibrations or drafts, to ensure accurate readings.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- Press the **ON/OFF** button to turn the scale on. The display will show "88888" then "0.00g" (or the last

used unit) when ready.

- Press and hold the **ON**/**OFF** button for a few seconds to turn the scale off. The scale will also automatically shut off after a period of inactivity to conserve battery life.

5.2 Weighing Items

1. Ensure the scale is on and displaying "0.00g".
2. Gently place the item to be weighed onto the center of the weighing platform.
3. Read the stable weight displayed on the LCD screen.

5.3 Unit Conversion (MODE Function)

The scale supports multiple weighing units. To change the unit:

- With the scale on, press the **MODE** button repeatedly to cycle through the available units: grams (g), ounces (oz), pennyweights (dwt), troy ounces (ozt), carats (cn), and grains (gn).
- The selected unit will be displayed on the screen.

5.4 Tare Function

The Tare function allows you to subtract the weight of a container, so you only measure the net weight of its contents.

1. Place an empty container on the weighing platform. The display will show its weight.
2. Press the **TARE** button. The display will reset to "0.00g".
3. Now, place the items to be weighed into the container. The display will show only the weight of the items.
4. To clear the tare, remove all items from the platform and press **TARE** again, or turn the scale off and on.

5.5 Piece Counting (PCS Function)

This function allows you to count a large number of identical items based on a sample quantity.

1. Turn the scale on and ensure it displays "0.00g".
2. Press and hold the **PCS** button until "PCS" appears on the display, followed by a sample quantity (e.g., "25").
3. Press the **MODE** button to select a sample quantity (e.g., 25, 50, 75, 100).
4. Place the exact number of items corresponding to the selected sample quantity onto the weighing platform.
5. Press the **PCS** button to confirm the sample. The display will now show the count of the sample items.
6. You can now add more items of the same type, and the scale will display the total count.
7. To exit the counting mode, press the **MODE** button.

6. Maintenance and Care

- **Cleaning:** Wipe the scale with a slightly damp cloth. Do not use harsh chemicals, abrasive cleaners,

or immerse the scale in water.

- **Storage:** Store the scale in a clean, dry environment. Keep the protective cover closed when not in use to prevent dust and damage to the weighing platform.
- **Battery Replacement:** Replace batteries when the low battery indicator ("Lo") appears on the display.

7. TROUBLESHOOTING

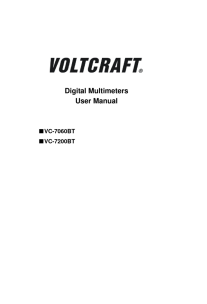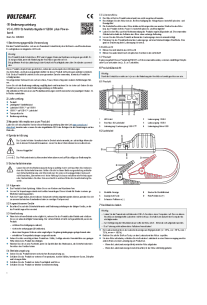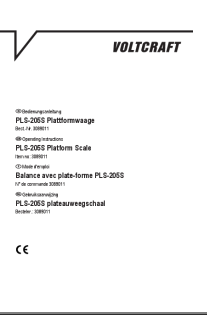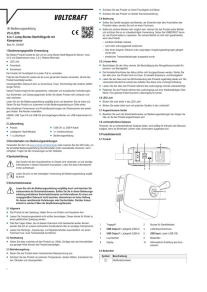| Problem	Possible Cause	Solution
Scale does not turn on.	Dead or incorrectly installed batteries.	Check battery polarity. Replace batteries if necessary.
"Lo" displayed.	Low battery power.	Replace batteries.
"OUE2" or "EEEE" displayed.	Overload. Weight exceeds maximum capacity.	Remove excess weight immediately. Do not exceed 200g.
Inaccurate readings.	Unstable surface, drafts, or calibration needed.	Place scale on a stable, flat surface. Avoid drafts. If issues persist, consider recalibration (refer to advanced calibration instructions if available, or contact support).
Display flickers or is unstable.	Interference or unstable environment.	Move scale away from electronic devices or sources of vibration. Ensure stable surface.

8. SPECIFICATIONS

- **Model:** PS-200 (VC-8912595, 1782519)
- **Brand:** VOLTCRAFT
- **Weighing Capacity:** 200 g
- **Readability:** 0.01 g
- **Weighing Units:** g, oz, dwt, ozt, cn, gn
- **Display:** Blue backlit LCD
- **Power Source:** Batteries (type not specified in JSON, but image shows AAA)
- **Auto-Off:** Yes (to conserve battery)
- **Dimensions:** 12.5 x 6.8 x 1.8 cm
- **Item Weight:** 116 g
- **Material:** Metal (weighing platform), Plastic (body)

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your

purchase or contact VOLTCRAFT customer service. Keep your proof of purchase for warranty claims.
For further assistance, please visit the official VOLTCRAFT website or contact your local distributor.

Related Documents - PS-200

	VOLTCRAFT Digital Multimeters VC-7060BT & VC-7200BT User Manual Comprehensive user manual for VOLTCRAFT VC-7060BT and VC-7200BT digital multimeters, covering safety, operation, functions, measurement tutorials, troubleshooting, and technical specifications.
	VOLTCRAFT VC-CJS10 1200A Jump Starter and Power Bank User Manual User manual for the VOLTCRAFT VC-CJS10 1200A jump starter and power bank. Learn about its features, intended use, safety instructions, operation, and technical specifications for jump-starting vehicles and charging devices.
	VOLTCRAFT VC-7060BT & VC-7200BT Digital Multimeter Quick Guide Comprehensive quick guide for VOLTCRAFT VC-7060BT and VC-7200BT digital multimeters. Learn about safety, operation, measurements, and troubleshooting.
	VOLTCRAFT PLS-205S Plattformwaage - Bedienungsanleitung und technische Daten Umfassende Bedienungsanleitung für die VOLTCRAFT PLS-205S Plattformwaage. Enthält Informationen zur Einrichtung, Bedienung, Kalibrierung, Wartung, Sicherheitshinweise und technische Spezifikationen.
	VOLTCRAFT VC-CJS76 4-in-1 Jump-Starter, Kompressor und Powerbank Bedienungsanleitung Umfassende Bedienungsanleitung für das VOLTCRAFT VC-CJS76 4-in-1 Jump-Starter-Gerät mit integriertem Kompressor und Powerbank-Funktion. Enthält Informationen zur sicheren Verwendung, technischen Daten und Wartung.

VOLTCRAFT VC-BT300PRO OBDII + Batterietester Bedienungsanleitung

Umfassende Bedienungsanleitung für den VOLTCRAFT VC-BT300PRO, ein Diagnosewerkzeug für OBD-II und Batterietests. Enthält Funktionen, Sicherheitshinweise und technische Daten.