

Rice Lake RLP-6S

Rice Lake Versa-Portion RLP-6S Washdown Portable Scale User Manual

MODEL: RLP-6S (PART NUMBER: 115125)

Brand: Rice Lake

1. INTRODUCTION

Thank you for choosing the Rice Lake Versa-Portion RLP-6S Washdown Portable Scale. This manual provides essential information for the proper setup, operation, and maintenance of your scale. Designed for precision and durability, the RLP-6S is a compact bench scale ideal for various weighing applications, particularly in environments requiring frequent cleaning.

The RLP-6S features a robust stainless steel housing and platform, an easy-to-read LED display, and a capacity of 6 lb (3000g) with a readability of 0.002 lb (1g). It is NTEP certified (CC 10-068, Class III 3000d) and Measurement Canada approved (AM-5794, Class III 3000D), ensuring reliable and accurate measurements.

2. SAFETY INFORMATION

Please read and understand all safety warnings and operating instructions before using this scale. Failure to do so may result in injury or damage to the equipment.

- **Power Source:** Use only the supplied AC adapter or approved batteries. Ensure the power outlet matches the adapter's specifications.
- **Environment:** Operate the scale on a stable, level surface. Avoid extreme temperatures, high humidity, and direct sunlight. While the scale is washdown capable, do not submerge the entire unit in water.
- **Handling:** Do not drop the scale or subject it to excessive shock. Avoid placing objects heavier than the maximum capacity (6 lb / 3000g) on the platform.
- **Cleaning:** Disconnect power before cleaning. Use mild detergents and avoid abrasive cleaners or solvents that could damage the finish or internal components.
- **Maintenance:** Refer all servicing to qualified personnel. Do not attempt to open or repair the scale yourself.

3. SETUP

Follow these steps to set up your Rice Lake RLP-6S scale:

1. **Unpacking:** Carefully remove the scale and all accessories from the packaging. Retain the packaging for future transport or storage.
2. **Placement:** Place the scale on a firm, level, and stable surface, free from vibrations. Ensure adequate space around the scale for operation and cleaning.
3. **Power Connection:**
 - **AC Power:** Connect the supplied AC adapter to the power input port on the scale and then plug it into a suitable electrical outlet.
 - **Battery Power (Optional):** If using batteries, ensure they are correctly installed in the battery compartment according to polarity markings.
4. **Initial Power On:** Press the **POWER** button to turn on the scale. The display will perform a self-test and then show "0.000" or "0.0" depending on the selected unit.
5. **Leveling:** The scale should be level for accurate readings. Check the bubble level (if present) and adjust the feet if necessary.



An image of the Rice Lake Versa-Portion RLP-6S Washdown Portable Scale, showing its stainless steel platform, the red LED display, and the control panel with 'ZERO', 'TARE', 'POWER', and 'UNITS' buttons. The model number RLP-15S is visible on the display panel, indicating a similar model in the Versa-Portion series.

4. OPERATING INSTRUCTIONS

This section details the basic functions of your RLP-6S scale.

4.1. Button Functions

- **POWER:** Turns the scale on or off.
- **ZERO / +0+:** Sets the display to zero. Use this button to zero out the scale before placing an item, or to re-zero if the display drifts slightly.
- **TARE:** Used to subtract the weight of a container. Place an empty container on the platform, press TARE, and the display will return to zero. Then add the item to be weighed. The display will show the net weight of the item.
- **UNITS:** Cycles through available weighing units (e.g., ounces (oz), pounds (lb), grams (g)). The active unit will be

indicated on the display.

4.2. Basic Weighing

1. Turn on the scale by pressing the **POWER** button.
2. Wait for the display to stabilize at "0.000" or "0.0". If it does not, press the **ZERO** button.
3. Place the item to be weighed gently on the center of the stainless steel platform.
4. Read the stable weight displayed on the LED screen.
5. To change units, press the **UNITS** button until the desired unit (oz, lb, or g) is indicated.

4.3. Tare Function

1. Turn on the scale and ensure it displays "0.000".
2. Place an empty container (e.g., bowl, tray) on the weighing platform. The display will show the container's weight.
3. Press the **TARE** button. The display will return to "0.000" and the "Net" indicator will illuminate, signifying that the container's weight has been tared out.
4. Add the substance or item to be weighed into the container. The display will now show only the net weight of the added item.
5. To clear the tare, remove the container from the platform. The display will show a negative value equal to the container's weight. Press **TARE** again to return the display to "0.000".

5. MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your Rice Lake RLP-6S scale.

- **Cleaning:** The RLP-6S is a washdown scale. Disconnect the AC adapter before cleaning. Use a damp cloth with mild soap or detergent to wipe down the stainless steel platform and housing. Avoid using abrasive pads, harsh chemicals, or solvents. Ensure no liquid enters the display or button areas excessively, despite its washdown design. Allow the scale to air dry completely before reconnecting power.
- **Storage:** When not in use for extended periods, store the scale in a clean, dry environment, away from direct sunlight and extreme temperatures. If using battery power, remove batteries to prevent leakage.
- **Calibration:** While the scale is factory calibrated, periodic calibration with certified weights may be necessary to maintain accuracy, especially after significant temperature changes or prolonged use. Refer to the full technical manual or contact Rice Lake support for calibration procedures.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your RLP-6S scale.

Problem	Possible Cause	Solution
Scale does not turn on.	No power, faulty AC adapter, dead batteries.	Check AC adapter connection and power outlet. Replace batteries if using battery power.
Inaccurate readings or unstable display.	Scale not level, unstable surface, air currents, damaged load cell, calibration required.	Ensure scale is on a level, stable surface. Avoid drafts. Remove any objects touching the platform. If problem persists, contact service.
"Err" or other error message on display.	Overload, internal error.	Remove any weight from the platform. Turn the scale off and then on again. If the error persists, contact service.

Problem	Possible Cause	Solution
Display shows negative weight after removing item.	Tare function is active.	Press the TARE button again to clear the tare and return to zero.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact Rice Lake customer support or an authorized service technician.

7. SPECIFICATIONS

Key technical specifications for the Rice Lake Versa-Portion RLP-6S scale:

Specification	Detail
Model	RLP-6S
Capacity	6 lb (3000g)
Readability / Graduations	0.002 lb (1g)
Display Type	LED
Weighing Surface Dimensions	Depth: 7-51/64 in., Width: 9-5/16 in.
Overall Dimensions (L x W x H)	11-13/32 in. x 9-29/32 in. x 5-5/16 in. (Approx. 13.3 x 14.8 x 9.6 inches as per product dimensions)
Application Modes	Weigh
Power Unit	AC (Battery Optional)
Platform Material	ABS Plastic (Stainless Steel platform surface)
Housing Material	Stainless Steel, Acrylonitrile Butadiene Styrene
Standards / Certifications	NTEP CC 10-068, Class III 3000d; Measurement Canada AM-5794, Class III 3000D
Item Weight	15 Pounds
UPC	639385947220
Manufacturer Part Number	115125







8. WARRANTY AND SUPPORT

For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Rice Lake Weighing Systems website. Warranty coverage typically addresses defects in materials and workmanship under normal use.

For technical support, service, or to inquire about calibration services, please contact Rice Lake Weighing Systems directly through their official website or customer service channels. Provide your model number (RLP-6S) and serial number (if applicable) when seeking support.

Rice Lake Weighing Systems Official Website: www.ricelake.com

Related Documents - RLP-6S

 <p>Rice Lake VS-33</p>	<p>Rice Lake Large Animal Scales: VS Series & RoughDeck Models</p> <p>Comprehensive overview of Rice Lake's large animal weighing scales, including VS-33, VS-37, VS-40, RoughDeck SLV, and RoughDeck EQ. Features, specifications, dimensions, and part information.</p>
 <p>120/120 Plus</p>	<p>Rice Lake 120/120 Plus Digital Weight Indicator Specifications and Features</p> <p>Detailed specifications, standard features, part numbers, and dimensions for the Rice Lake 120/120 Plus digital weight indicator. Includes power, display, connectivity, and operational details.</p>
<p>Stationary Livestock Scale</p> <p>Installation Manual</p>  <p>RICE LAKE</p>	<p>Rice Lake MAS-LC Stationary Livestock Scale Installation Manual</p> <p>Installation manual for the Rice Lake MAS-LC Stationary Livestock Scale, providing detailed instructions for setup, maintenance, troubleshooting, and specifications. Covers safety, lifting, installation, parts, and maintenance procedures for this industrial weighing system.</p>
<p>RL-650 Neonatal Scale</p> <p>Technical Manual</p>  <p>RICE LAKE</p>	<p>RL-650 Neonatal Scale Technical Manual</p> <p>Comprehensive technical manual for the Rice Lake RL-650 Neonatal Scale, detailing its features, operation, assembly, configuration, calibration, communication, troubleshooting, specifications, and limited warranty.</p>
<p>150-10-7</p> <p>Technical Manual</p>  <p>RICE LAKE</p>	<p>Rice Lake 150-10-7 Digital Physician Scale Technical Manual</p> <p>Comprehensive technical manual for the Rice Lake 150-10-7 Digital Physician Scale, covering setup, operation, configuration, maintenance, and troubleshooting.</p>
	<p>Rice Lake Pediatric Scales and Stadiometers: Digital & Mechanical Solutions</p> <p>Explore Rice Lake's comprehensive catalog of pediatric scales, including digital baby scales, mechanical scales, neonatal scales, and wall-mount stadiometers. Find accurate measurement tools for infants and toddlers.</p>

