

Yamato PPC-300WP-II-4.4

Yamato PPC-300WP-II-4.4 Washdown Portion Control Scale User Manual

Model: PPC-300WP-II-4.4

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, setup, and maintenance of your Yamato PPC-300WP-II-4.4 Washdown Portion Control Scale. This upgraded model offers enhanced battery life and display update rates while retaining core functionalities such as basic weighing, check weighing, grading, fixed weighing, and tare. Please read this manual thoroughly before using the scale.

2. SAFETY INFORMATION

- Always operate the scale on a stable, level surface to ensure accurate readings.
- Avoid exposing the scale to extreme temperatures, direct sunlight, or excessive vibrations.
- Use only the specified AC adapter or D-size batteries. Incorrect power sources may damage the unit.
- Do not immerse the entire scale in water, despite its washdown capability. The washdown feature is designed for cleaning the exterior and platter, not for full submersion.
- Keep the scale away from strong electromagnetic fields.
- Do not attempt to disassemble or repair the scale yourself. Refer to qualified service personnel.

3. PRODUCT OVERVIEW

The Yamato PPC-300WP-II-4.4 is a robust, NTEP-certified washdown portion control scale designed for precision weighing in various environments. It features a stainless steel construction for durability and hygiene.

Key Features:

- **Units:** Supports weighing in pounds (lb), pounds-ounces (lb-oz), ounces (oz), and kilograms (kg). Note: Combined units such as pounds-ounces are not legal for trade.
- **Display:** Clear 5-digit, 7-segment LCD for easy readability.
- **Platter Size:** 9.1 inches x 8 inches.
- **Power:** Operates on 4 'D' Batteries (not included) or via the included AC Adapter. Offers up to 3000

hours of battery life.

- **Construction:** Durable stainless steel.

Components:



Figure 3.1: Front view of the Yamato PPC-300WP-II-4.4 scale, showing the stainless steel platter and the control panel with its large LCD display.

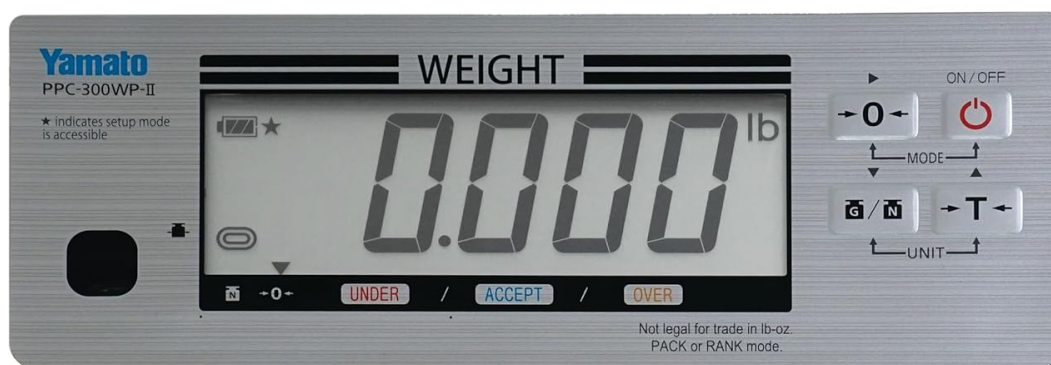


Figure 3.2: Close-up view of the scale's control panel, highlighting the digital display, unit indicators, and control buttons for functions like ON/OFF, ZERO, MODE, TARE, and UNIT.

4. SETUP

4.1 Unpacking

1. Carefully remove all components from the packaging.
2. Verify that all parts are present: scale base, weighing platter, and AC adapter.
3. Retain packaging materials for future transport or storage.

4.2 Platter Installation

- Place the stainless steel weighing platter securely onto the scale base. Ensure it sits flat and does not wobble.

4.3 Powering the Scale

The scale can be powered by either an AC adapter or D-size batteries.

- **AC Adapter:** Connect the AC adapter to the power input port on the scale and then plug it into a standard electrical outlet.
- **Batteries:** Open the battery compartment located on the underside of the scale. Insert four (4) D-size batteries, ensuring correct polarity. Close the compartment securely.

4.4 Leveling the Scale

- Place the scale on a firm, level surface.
- Adjust the leveling feet located at the bottom of the scale until the bubble in the level indicator (if present) is centered. This ensures accurate weighing.

5. OPERATING INSTRUCTIONS

5.1 Basic Weighing

1. Press the **ON/OFF** button to turn on the scale. The display will show '0.000' or '0.0' depending on the unit.
2. Place the item to be weighed onto the center of the weighing platter.
3. Read the stable weight displayed on the LCD.
4. To turn off the scale, press the **ON/OFF** button again.

5.2 Unit Conversion

- With the scale on and displaying a weight (or zero), press the **UNIT** button to cycle through available weighing units: lb, lb-oz, oz, kg.
- The selected unit will be indicated on the display.

5.3 Tare Function

The tare function allows you to subtract the weight of a container, so only the net weight of the contents is displayed.

1. Place an empty container onto the weighing platter. The scale will display its weight.
2. Press the **TARE** button. The display will reset to '0.000', indicating the container's weight has been tared.
3. Add the items to be weighed into the container. The display will show only the weight of the items.
4. To clear the tare, remove the container from the platter and press the **TARE** button again.

5.4 Check Weighing, Grading, and Fixed Weighing

The PPC-300WP-II-4.4 scale supports advanced functions such as check weighing, grading, and fixed weighing. These modes allow for setting target weights and tolerances to quickly determine if an item is within an acceptable range (e.g., 'UNDER', 'ACCEPT', 'OVER'). Detailed instructions for configuring and using these specific modes are typically found in the full operational manual or setup guide provided with the product. Accessing setup mode is indicated by a star icon on the display.

6. MAINTENANCE AND CLEANING

6.1 Cleaning

The washdown design of the PPC-300WP-II-4.4 allows for easy cleaning to maintain hygiene and prevent cross-contamination.

- Always disconnect the AC adapter before cleaning. If using batteries, ensure the battery compartment is securely closed.
- Use a damp cloth with mild soap or a non-abrasive cleaning solution to wipe down the stainless steel platter and scale body.
- Avoid using harsh chemicals, abrasive cleaners, or high-pressure water jets, as these can damage the display or internal components.
- Ensure the scale is thoroughly dry before reconnecting power or using it.

6.2 Battery Replacement

- When the battery indicator on the display shows low power, replace all four D-size batteries simultaneously.
- Open the battery compartment, remove old batteries, and insert new ones, observing correct polarity.
- Dispose of used batteries according to local regulations.

7. TROUBLESHOOTING

If you encounter issues with your scale, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scale does not turn on	No power, dead batteries, or faulty AC adapter.	Check AC adapter connection. Replace batteries. Try using the other power source.
Inaccurate readings	Scale not level, unstable surface, air currents, or calibration required.	Ensure scale is level and on a stable surface. Avoid drafts. If issue persists, consult the full manual for calibration procedures or contact support.
Display shows 'Err' message	Overload, internal error, or unstable condition.	Remove weight from platter. Turn scale off and on again. If error persists, contact customer support.
Weight fluctuates	Unstable environment, vibrations, or air movement.	Move scale to a more stable location. Shield from drafts.


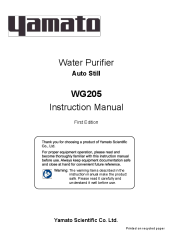



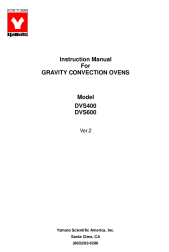
If the problem persists after attempting these solutions, please contact Yamato customer support for further assistance.

8. SPECIFICATIONS

Specification	Detail
Model	PPC-300WP-II-4.4
Capacity	4.4 lb (2 kg)
Readability	0.002 lb (1 g)
Weighing Units	lb, lb-oz, oz, kg
Display	5-digit, 7-segment LCD
Platter Size	9.1" x 8"
Construction	Stainless Steel
Power Source	4 'D' Batteries (not included) or AC Adapter (included)
Battery Life	Up to 3000 hours (with batteries)
Product Dimensions	11.5 x 9.5 x 5 inches
Product Weight	10 Pounds

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Yamato website or contact your authorized Yamato dealer. Keep your purchase receipt as proof of purchase.

 <p>DP-6200 Operation Manual</p>	<p>Yamato DP-6200 Operation Manual - Weighing Scale Guide</p> <p>Comprehensive operation manual for the Yamato DP-6200 weighing scale, covering safety instructions, setup, operation, troubleshooting, and user parameters. Learn how to use your DP-6200 scale effectively.</p>
 <p>Yamato Water Purifier Auto Still WG205 Instruction Manual Printed 02/02/07</p>	<p>Yamato WG205 Auto Still Water Purifier Instruction Manual</p> <p>This instruction manual from Yamato Scientific Co., Ltd. details the operation, safety, and maintenance of the WG205 Auto Still Water Purifier. It covers essential procedures, warnings, and troubleshooting for effective and safe use.</p>
 <p>Instruction Manual For MECHANICAL CONVECTION OVENS Model DKN400 DKN600 DKN810 DKN900 Ver.2</p>	<p>Yamato DKN Series Mechanical Convection Ovens Instruction Manual</p> <p>Instruction manual for Yamato DKN400, DKN600, DKN810, DKN900 mechanical convection ovens. Covers safety, installation, operation, maintenance, troubleshooting, and specifications. Version 2.</p>
 <p>YAMATO optimum Manual de utilizare a funcției Wi-Fi</p>	<p>Manual Wi-Fi Aparat Aer Condiționat Yamato Optimum</p> <p>Descoperiți cum să controlați aparatul de aer condiționat Yamato Optimum prin Wi-Fi cu aplicația SmartLife-SmartHome. Ghid complet pentru instalare, configurare și funcții avansate.</p>
 <p>Advanced Test Equipment Systems www.ates.com 800-464-8750 (US)</p>	<p>Yamato Mechanical Convection Ovens DKN400, DKN600, DKN810, DKN900 Instruction Manual</p> <p>Comprehensive instruction manual for Yamato Mechanical Convection Ovens, models DKN400, DKN600, DKN810, and DKN900. Covers safety information, installation requirements, parts identification, operational procedures, maintenance, troubleshooting, and specifications.</p>
 <p>Instruction Manual For GRAVITY CONVECTION OVENS Model DVS400 DVS600 Ver.2</p>	<p>Yamato Gravity Convection Ovens DVS400/DVS600 Instruction Manual</p> <p>Comprehensive instruction manual for Yamato Gravity Convection Ovens, models DVS400 and DVS600. Covers safety information, installation, operation, maintenance, troubleshooting, and specifications.</p>

