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Yamato PPC-300WP-II-22

Yamato PPC-300WP-II-22 Upgraded PPC Series Washdown Portion Control Scale User Manual

Model: PPC-300WP-II-22

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, setup, and maintenance of your Yamato PPC-300WP-II-22 Upgraded PPC Series Washdown Portion Control Scale. Please read this manual thoroughly before using the scale to ensure proper functionality and to prevent damage.

The PPC-300WP-II-22 scale features upgraded internal electronics, offering an extended battery life of up to 3000 hours and an improved display update rate. It retains core functionalities including basic weighing, check weighing, grading, fixed weighing, and tare.

2. SAFETY INFORMATION

Observe the following safety precautions to ensure safe operation and to prevent damage to the scale or injury to personnel.

- Do not operate the scale in environments with extreme temperatures or high humidity outside of specified operating ranges.
- Avoid dropping or subjecting the scale to severe impacts.
- Use only the specified AC adapter provided with the unit or appropriate D-cell batteries.
- Ensure the scale is placed on a stable, level surface during operation.
- Keep the scale clean, especially after washdown procedures, to maintain hygiene and performance.
- Note that combined units such as pounds-ounces are not legal for trade.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Yamato PPC-300WP-II-22 Scale Base
- Stainless Steel Platter
- AC Adapter
- User Manual (this document)

4. PRODUCT OVERVIEW

4.1 Scale Components

The Yamato PPC-300WP-II-22 scale is constructed with stainless steel for durability and washdown capability. It features a clear 5-digit, 7-segment LCD display.

4.2 Display and Control Panel

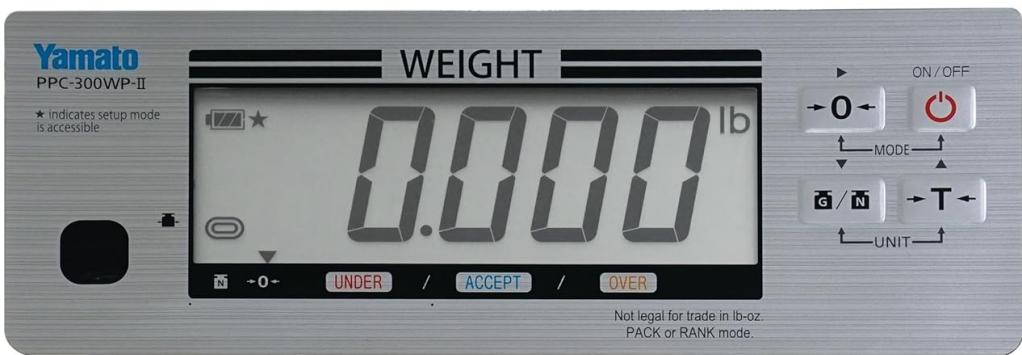


Image: Close-up of the scale's display panel, showing the digital weight readout, unit indicators, and control buttons. The display shows 'WEIGHT' and '0.000 lb'. Buttons include ON/OFF, ZERO, MODE, TARE, and UNIT.

The control panel provides access to all scale functions:

- **ON/OFF:** Powers the scale on or off.
- **ZERO (→0←):** Sets the display to zero.
- **MODE:** Cycles through different operating modes (e.g., basic weighing, check weighing).
- **TARE (→T←):** Subtracts the weight of a container.
- **UNIT:** Changes the weighing unit (lb, lb-oz, oz, kg).
- **Display:** 5-digit, 7-segment LCD for weight readout.
- **Indicators:** Battery level, stability, zero, tare, and mode indicators.

4.3 Overall Scale View



Image: The complete Yamato PPC-300WP-II-22 scale, showcasing its stainless steel construction, rectangular platter, and front-facing digital display. The scale is designed for washdown environments.

5. SETUP

5.1 Unpacking

Carefully remove all components from the packaging. Retain packaging materials for future transport or storage.

5.2 Power Supply

The scale can be powered by either the included AC adapter or four 'D' cell batteries (not included).

- **AC Adapter:** Connect the AC adapter to the power input port on the rear of the scale and plug it into a suitable power outlet.
- **Batteries:** Open the battery compartment on the underside of the scale. Insert four 'D' cell batteries, ensuring correct polarity. Close the compartment securely. The scale offers up to 3000 hours of battery life.

5.3 Platter Installation

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

5.4 Initial Zeroing

After placing the scale on a stable, level surface and installing the platter, press the **ON/OFF** button to

power on the scale. Wait for the display to stabilize and show '0.000'. If it does not, press the **ZERO** ($\rightarrow 0 \leftarrow$) button to zero the display.

6. OPERATING INSTRUCTIONS

6.1 Basic Weighing

1. Power on the scale and ensure the display reads '0.000'.
2. Place the item to be weighed onto the center of the platter.
3. Read the stable weight displayed on the LCD.

6.2 Unit Selection

Press the **UNIT** button to cycle through available weighing units: pounds (lb), pounds-ounces (lb-oz), ounces (oz), and kilograms (kg). Select the desired unit for your application. Note that lb-oz is not legal for trade.

6.3 Tare Function

To weigh an item in a container:

1. Place the empty container on the platter.
2. Press the **TARE** ($\rightarrow T \leftarrow$) button. The display will return to '0.000' and the tare indicator will illuminate.
3. Place the item to be weighed into the container. The display will show the net weight of the item.
4. To clear the tare, remove the container and item, then press the **TARE** ($\rightarrow T \leftarrow$) button again.

6.4 Check Weighing

This mode allows you to check if a weight falls within a predefined target range (under, accept, over).

1. Press the **MODE** button repeatedly until 'CHECK' or a similar indicator appears.
2. Follow the on-screen prompts or refer to the detailed setup instructions for setting the 'Under', 'Accept', and 'Over' weight limits.
3. Place items on the platter; the scale will indicate if the weight is under, within, or over the set limits.

6.5 Grading and Fixed Weighing

The scale supports grading and fixed weighing functions. Access these modes by pressing the **MODE** button. Detailed setup and operation for these advanced functions are typically covered in the full technical manual or accessible via the setup mode indicated by a star icon on the display.

7. MAINTENANCE

7.1 Cleaning Procedures

The PPC-300WP-II-22 is a washdown scale, designed for easy cleaning.

- Ensure the scale is powered off and disconnected from the AC adapter before cleaning.
- Use a mild detergent and a soft cloth or sponge to clean the stainless steel surfaces.
- Avoid using abrasive cleaners, solvents, or harsh chemicals that could damage the finish or internal components.
- Rinse with clean water. Ensure no water enters the display or battery compartment if not properly sealed.

- Allow the scale to air dry completely before reconnecting power or using.

7.2 Battery Replacement

When the low battery indicator appears on the display, replace the 'D' cell batteries promptly to ensure continuous operation and accurate readings.

- Power off the scale and disconnect the AC adapter.
- Locate and open the battery compartment cover on the underside of the scale.
- Remove the old batteries and dispose of them according to local regulations.
- Insert four new 'D' cell batteries, observing the correct polarity markings.
- Securely close the battery compartment cover.

7.3 Storage

If storing the scale for an extended period, remove the batteries to prevent leakage and potential damage. Store in a dry, cool environment.

8. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Scale does not power on.	No power, dead batteries, or faulty AC adapter.	Check AC adapter connection. Replace batteries if using battery power.
Display shows 'Err' or unstable readings.	Overload, unstable surface, or internal error.	Remove weight from platter. Place scale on a stable, level surface. Power cycle the scale.
Weight reading is inaccurate.	Scale not zeroed, external interference, or calibration required.	Press ZERO button. Ensure no drafts or vibrations. If persistent, contact support for calibration guidance.
Tare function not working.	Container too heavy, or function not properly engaged.	Ensure container weight is within scale capacity. Press TARE button firmly.

9. SPECIFICATIONS

Feature	Specification
Model	PPC-300WP-II-22
Capacity	22 lb x 0.01 lb (NTEP)
Weighing Units	lb, lb-oz, oz, kg
Display	5-digit, 7-segment LCD
Platter Size	9.1" x 8"
Power Source	4 'D' Batteries (Not Included) or AC Adapter (Included)

Feature	Specification
Battery Life	Up to 3000 hours
Construction	Stainless Steel
Product Dimensions	11.5 x 9.5 x 5 inches
Product Weight	10 Pounds
Manufacturer	Yamato

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact Yamato customer service. Keep your purchase receipt as proof of purchase. Do not attempt to repair the scale yourself, as this may void the warranty.

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