Radwag WTC 15/C1/K

Radwag WTC 15/C1/K Load Cell Scale User Manual

Model: WTC 15/C1/K

1. INTRODUCTION

Thank you for choosing the Radwag WTC 15/C1/K Load Cell Scale. This precision balance is designed for accurate weighing, counting, and checkweighing applications in various industrial and scientific environments. This manual provides essential information for the correct installation, operation, and maintenance of your device. Please read it thoroughly before use to ensure optimal performance and safety.

Figure 1: Radwag WTC 15/C1/K Load Cell Scale. This image displays the complete scale unit, including the weighing platform and the integrated display panel.

2. SAFETY GUIDELINES

Observe the following safety precautions to prevent injury and damage to the device:

- Operate the scale only in a stable, level environment free from excessive vibrations, drafts, and extreme temperature fluctuations.

- Do not exceed the maximum capacity of 15 kg. Overloading can damage the weighing mechanism.
- Keep the scale away from strong electromagnetic fields.
- Use only the power adapter supplied with the device.
- Do not attempt to open or repair the scale yourself. Refer all servicing to qualified personnel.
- Ensure the weighing platform is clean and free of debris before each use.

3. COMPONENTS OVERVIEW

The Radwag WTC 15/C1/K Load Cell Scale typically includes the following components:

- **Scale Unit:** The main body housing the weighing mechanism and electronics.
- **Weighing Platform:** A removable stainless steel platform (14.1 x 11.4 inches) for placing items to be weighed.
- **LCD Display:** A backlit LCD display for showing weight readings, function modes, and other information.
- **Control Panel:** Buttons for operating various functions (e.g., ON/OFF, TARE, MODE).
- **Power Adapter:** For connecting the scale to a power source.

4. INITIAL SETUP

4.1 Unpacking

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

4.2 Placement

Place the scale on a firm, level, and stable surface. Avoid locations near air conditioning vents, open windows, or vibrating machinery that could affect measurement accuracy.

4.3 Leveling

Use the adjustable feet at the bottom of the scale to ensure it is perfectly level. Check the bubble level indicator (if present) to confirm proper leveling.

4.4 Power Connection

Connect the power adapter to the scale's power input port and then plug it into a suitable electrical outlet. Allow the scale to warm up for at least 30 minutes after connecting power for optimal stability.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Press the **ON/OFF** button to turn the scale on. Press and hold the**ON/OFF** button to turn the scale off.

5.2 Basic Weighing

1. Turn on the scale. Wait for the display to show '0.000g' or '0.00g'.
2. Place the item to be weighed directly onto the center of the stainless steel weighing platform.
3. Read the stable weight value displayed on the LCD.

5.3 Tare Function

To weigh an item in a container, use the Tare function:

1. Place the empty container on the weighing platform.
2. Press the **TARE** button. The display will reset to '0.000g'.
3. Add the item to be weighed into the container. The display will show the net weight of the item.

5.4 Counting Function

The scale supports parts counting. Refer to the on-screen menu or specific button for activating and configuring the counting mode. Typically, you will place a known quantity of items (e.g., 10, 20, 50 pieces) to establish a sample weight, then the scale can count larger quantities of identical items.

5.5 Checkweighing Function

The checkweighing function allows you to determine if a weighed item falls within a predefined weight range (e.g., too light, acceptable, too heavy). Consult the scale's menu or dedicated button to set the upper and lower weight limits for checkweighing.

6. MAINTENANCE AND CARE

6.1 Cleaning

Clean the scale regularly with a soft, damp cloth. For stubborn dirt, use a mild detergent. Do not use abrasive cleaners, solvents, or immerse the scale in water. Ensure no liquids enter the scale's internal components.

6.2 Storage

When not in use for extended periods, store the scale in a dry, dust-free environment at room temperature. If possible, use the original packaging for protection.

6.3 Calibration

Regular calibration ensures the accuracy of your scale. The WTC 15/C1/K may feature internal or external calibration options. Refer to the on-screen menu for calibration procedures. External calibration typically requires certified calibration weights.

7. Troubleshooting

Problem	Possible Cause	Solution
Unstable readings	Vibrations, drafts, unstable surface, temperature changes.	Relocate the scale to a stable environment. Close windows/doors. Allow scale to acclimatize.
Display shows 'OVERLOAD'	Weight exceeds maximum capacity.	Remove excess weight immediately. Do not exceed 15 kg.
Scale does not turn on	No power, faulty adapter, loose connection.	Check power cable connection. Ensure outlet is functional. Try a different power adapter if available and compatible.
Inaccurate readings	Needs calibration, dirty platform, scale not level.	Perform calibration. Clean the weighing platform. Level the scale.

8. Technical Specifications

- **Max Capacity:** 15 kg
- **Readability:** 5 g
- **Weighing Platform:** Stainless Steel (14.1 x 11.4 inches)
- **Display:** Backlit LCD
- **Functions:** Weighing, Counting, Checkweighing
- **Material:** Stainless Steel (platform)
- **Manufacturer:** Radwag
- **UPC:** 810000396818

9. Warranty and Support

For warranty information, please refer to the documentation provided with your purchase or contact Radwag customer support directly. If you encounter any issues not covered in this manual or require technical assistance, please visit the Radwag Store on Amazon or contact your local distributor.