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Ohaus R71MD15

Ohaus Ranger 7000 Compact Bench Scale R71MD15 User Manual

Model: R71MD15

Introduction

This manual provides essential instructions for the safe and efficient operation, setup, and maintenance of your Ohaus Ranger 7000 Compact Bench Scale, model R71MD15. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage or injury.

Safety Information

Always observe the following safety precautions:

- Operate the scale on a stable, level surface.
- Do not exceed the maximum capacity of 15 kg.
- Avoid exposing the scale to extreme temperatures, humidity, or direct sunlight.
- Keep the scale clean and free from dust and debris.
- Disconnect power before cleaning or performing maintenance.
- Only use the specified AC adapter.

Package Contents

Verify that all items are present:

- Ohaus Ranger 7000 Bench Scale (R71MD15)
- Weighing Platform (Stainless Steel)
- Display Unit
- AC Power Adapter
- User Manual (this document)

Setup

1. Unpacking and Placement

Carefully remove all components from the packaging. Place the scale base on a firm, level, and stable surface, free from vibrations and drafts. Ensure adequate space around the scale for operation.

2. Platform Installation

Gently place the stainless steel weighing platform onto the scale base, ensuring it sits securely and does not wobble.

3. Leveling the Scale

Use the adjustable feet on the scale base to level the unit. Check the integrated level indicator (if present, typically a bubble level) to ensure the scale is perfectly level for accurate measurements.

4. Power Connection

Connect the AC power adapter to the scale and then plug it into a suitable power outlet. The scale can also operate on a rechargeable battery (not included) for portable use.



This image displays the Ohaus Ranger 7000 Compact Bench Scale. It features a rectangular stainless steel weighing platform and a separate, angled display unit with a full-color WQVGA graphic display and multiple control buttons. The scale base is black with red adjustable feet.

Operating Instructions

1. Power On/Off

Press the **POWER** button to turn the scale on. Press and hold the **POWER** button to turn it off.

2. Display Overview

The 4.3-inch full-color WQVGA graphic display shows weight readings, selected units, and various application mode information. Brightness can be adjusted via user controls.

3. Unit Selection

Press the **UNIT** button to cycle through available weighing units: kg, g, lb, oz, lb:oz. The currently selected unit will be indicated on the display.

4. Basic Weighing

1. Ensure the scale displays zero. If not, press the **ZERO** button.
2. Place the item to be weighed onto the center of the weighing platform.
3. Read the stable weight displayed on the screen.

5. Tare Function

To weigh an item in a container, first place the empty container on the platform. Press the **TARE** button to zero the display. Then, place the item into the container; the display will show the net weight of the item.

6. Application Modes

The Ranger 7000 offers various application modes for advanced weighing tasks. Refer to the on-screen menu or specific sections of the full product manual for detailed instructions on using modes such as parts counting, checkweighing, dynamic weighing, and formulation.

Maintenance

1. Cleaning

Wipe the scale surfaces with a damp cloth and mild detergent. Do not use abrasive cleaners or solvents. Ensure no liquid enters the scale's internal components. The stainless steel platform can be removed for thorough cleaning.

2. Storage

When not in use for extended periods, store the scale in a dry, dust-free environment at room temperature. Disconnect the AC adapter if using battery power, or remove the battery if not in use for a long time.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Scale does not turn on	No power, faulty adapter, discharged battery	Check power connection, try another outlet, charge/replace battery.
Inaccurate readings	Not level, vibrations, drafts, calibration needed	Level the scale, move to a stable location, perform calibration.
Display shows "OVERLOAD"	Weight exceeds maximum capacity	Remove excess weight immediately.

Specifications

Feature	Detail
Model	R71MD15
Capacity	15 kg x 0.2 g (15,000g x 0.2 g)
Weighing Units	kg, g, lb, oz, lb:oz
Platform Size	14.8 in x 12.2 in
Construction	Stainless Steel (Platform)
Display	4.3" (109 mm) Full-color WQVGA graphic display
Power	AC Power (Included), Rechargeable Battery (Not Included)
Product Dimensions	27 x 21 x 13 inches; 21.8 Pounds
Item Model Number	1191Q59EA

Warranty and Support

For warranty information, technical support, or service inquiries, please contact Ohaus customer service or visit the official Ohaus website. Keep your purchase receipt for warranty claims.
Ohaus Official Website: www.ohaus.com

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