

Kern RPB 15K2DM

Kern RPB 15K2DM Price Computing Balance User Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, setup, and maintenance of your Kern RPB 15K2DM Price Computing Balance. Please read this manual thoroughly before using the device to ensure correct usage and to prevent damage.

2. SAFETY INFORMATION

- Always operate the balance on a stable, level surface.
- Do not expose the balance to extreme temperatures, humidity, or direct sunlight.
- Avoid dropping or subjecting the balance to strong impacts.
- Use only the power adapter supplied with the device.
- Keep the balance clean and free from dust and debris.
- Do not attempt to open or repair the balance yourself. Refer to qualified service personnel.

3. PRODUCT OVERVIEW

The Kern RPB 15K2DM is a modern, ergonomic price computing balance designed for efficient operation in various retail environments. It features a compact housing, multiple displays, and functions for accurate price calculation.



Image 1: Kern RPB 15K2DM Price Computing Balance. This image shows the balance from an elevated angle,

highlighting its stainless steel weighing pan, the three digital displays (for weight, unit price, and total price), and the numeric keypad on the right.

Key Features:

- Modern, ergonomic design with compact housing.
- Three displays for total weight (verifiable), unit price, and total price.
- Second display on the rear of the balance (standard).
- Calculation of change.
- Unit price can be switched from kg to 100 g.
- Memory (PLU) for 10 article prices.
- Autoclear key: Unit price entry automatically resets to zero when the scale is unloaded.
- High mobility due to optional battery operation and flat construction.
- Includes a protective working cover.

4. SETUP

4.1 Unpacking and Placement

1. Carefully remove the balance from its packaging.
2. Place the balance on a firm, level, and vibration-free surface. Ensure adequate space for operation and display visibility.
3. If your model includes the RPB-HM elevated display, attach it securely to the column. The stand height is approximately 480 mm. This option must be specified at the time of purchase.

4.2 Power Connection

1. Connect the power adapter to the balance and then to a suitable power outlet.
2. For mobile use, the balance supports optional battery operation. Ensure batteries are correctly installed if using this feature.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Press the power button (usually marked with ) to turn the balance on or off. The balance will perform a self-test upon startup.

5.2 Display Functions

The balance features three primary displays:

- **Total Weight:** Shows the measured weight of the item on the weighing pan. This display is verifiable for commercial trade.
- **Unit Price:** Displays the price per unit (e.g., per kg or per 100g).
- **Total Price:** Calculates and displays the total cost based on the weight and unit price.

A second display is located on the rear of the balance for customer viewing.

5.3 Weighing and Price Calculation

1. Ensure the weighing pan is empty and the display shows zero. If not, press the TARE button to zero the balance.
2. Place the item to be weighed on the center of the weighing pan. The total weight will be displayed.
3. Using the numeric keypad, enter the unit price of the item.
4. The balance will automatically calculate and display the total price.
5. To calculate change, enter the amount paid by the customer. The balance will display the change due.

5.4 Unit Price Switching (kg/100g)

The unit price entry can be switched between kg and 100g. Refer to the specific button on the keypad (often labeled 'kg/100g' or similar) to toggle this setting as required by your pricing structure.

5.5 Memory (PLU) Function

The balance includes a memory (PLU) function for storing up to 10 article prices. This allows for quick recall of frequently sold items.

1. To store a price: Enter the unit price, then press the 'M+' or 'STORE' button followed by a memory location number (e.g., 1-10).
2. To recall a price: Press the 'MR' or 'RECALL' button followed by the memory location number. The stored unit price will be loaded.

5.6 Autoclear Key

The Autoclear key ensures that the unit price entry is automatically reset to zero when the scale is unloaded. This prevents accidental use of a previous item's unit price for a new transaction.

6. MAINTENANCE

6.1 Cleaning

To clean the balance, use a soft, damp cloth with a mild detergent. Do not use abrasive cleaners or solvents. Ensure no liquid enters the internal components of the balance. The protective working cover should be used to shield the balance from dust and spills during operation.

6.2 Storage

When not in use for extended periods, store the balance in a dry, dust-free environment. If operating on batteries, consider removing them to prevent leakage.

7. TROUBLESHOOTING

If you encounter issues with your Kern RPB 15K2DM balance, please refer to the following common solutions:

- **Balance does not turn on:** Check power connection or battery status. Ensure the power adapter is securely plugged in.
- **Inaccurate readings:** Ensure the balance is on a stable, level surface and free from vibrations. Recalibrate if necessary (refer to specific calibration instructions, usually found in a separate technical manual or by contacting support).
- **Display errors:** Turn the balance off, wait a few seconds, and turn it back on. If the error persists, contact customer support.
- **Keypad unresponsive:** Ensure the keypad is clean and free from debris.

For issues not covered here, please contact Kern customer support.

8. SPECIFICATIONS

Specification	Value
Brand	Kern
Model Number	RPB 15K2DM
Weight Range (Max)	6 kg to 15 kg
Readability (d)	2 g to 5 g
Calibration Value (e)	2 g to 5 g
Minimum Load (MiniG)	40 g

Reproducibility	2 g to 5 g
Linearity	6 kg to 15 kg
Product Weight	8 lbs
Manufacturer	Kern
ASIN	B0D5FRNPKV
Date First Available	May 27, 2024

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, terms, and conditions, please refer to the documentation provided with your purchase or contact your authorized Kern dealer. For technical support or service inquiries, please visit the official Kern website or contact their customer service department directly.