CAS BW-150DB

CAS BW-150 Bench Scale User Manual

Model: BW-150DB

Brand: CAS

INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your CAS BW-150 Bench Scale. Please read this manual thoroughly before using the scale to ensure safe and accurate performance. The CAS BW-150 is a robust bench scale designed for various industrial and commercial weighing applications, offering a high capacity and precise readability.

PRODUCT OVERVIEW

Figure 1: The CAS BW-150 Bench Scale, featuring a durable stainless steel weighing platform and an adjustable digital display unit mounted on a sturdy pole. This design allows for clear visibility of readings during operation.

The CAS BW-150 Bench Scale is engineered for accuracy and durability. It features a large weighing platform and a clear LCD display, making it suitable for environments requiring reliable weight measurements up to 300 pounds. Its design emphasizes ease of use and long-term performance.

Setup Instructions

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts are present: weighing platform, display unit, pole, power adapter, and this user manual.

2. **Assembly:**
   - Attach the pole to the weighing platform base. Ensure it is securely fastened.
   - Mount the display unit onto the top of the pole. Secure it firmly to prevent wobbling.
   - Connect the display unit cable to the appropriate port on the weighing platform.

3. **Placement:** Place the assembled scale on a firm, level, and stable surface. Avoid locations with excessive vibrations, drafts, or

direct sunlight, which can affect measurement accuracy.

4. **Power Connection:** Connect the power adapter to the display unit and then plug it into a suitable electrical outlet. Ensure the power supply matches the scale's requirements.

5. **Initial Power On:** Press the **ON/OFF** button to power on the scale. The display should perform a self-test and then show "0.0" or "0.00".

OPERATING INSTRUCTIONS

1. **Power On/Off:** Press the **ON/OFF** button to turn the scale on or off.

2. **Weighing:**

   - Ensure the display reads "0.0" before placing an item on the platform. If not, press the **ZERO** button.
   - Gently place the item to be weighed in the center of the weighing platform.
   - Wait for the reading to stabilize. The stable weight will be displayed on the LCD.

3. **Tare Function:** To weigh an item in a container, first place the empty container on the platform. Press the **TARE** button. The display will reset to "0.0". Then, place the item inside the container. The display will show the net weight of the item.

4. **Unit Conversion:** If your model supports multiple units, press the **UNIT** button to cycle through available weighing units (e.g., pounds, kilograms). The BW-150DB primarily operates in pounds with 0.1 lb readability.

MAINTENANCE

- **Cleaning:** Clean the scale regularly with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or internal components. Ensure no liquids enter the display unit or platform gaps.

- **Platform Care:** Keep the weighing platform free from debris and excessive dust. Avoid dropping heavy objects onto the platform, which can damage the load cell.

- **Storage:** When not in use for extended periods, store the scale in a dry, stable environment, away from extreme temperatures and humidity.

- **Calibration:** While the scale is factory calibrated, periodic calibration checks with certified weights are recommended for applications requiring high precision, especially after relocation or significant temperature changes. Refer to a qualified service technician for recalibration if necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Scale does not turn on.	No power, faulty power adapter, or internal issue.	Check power connection and outlet. Ensure power adapter is functioning. If problem persists, contact support.
Inaccurate or unstable readings.	Scale not level, unstable surface, drafts, or damaged load cell.	Ensure scale is on a firm, level surface. Eliminate drafts. Recalibrate if necessary or contact service.
Display shows "OVERLOAD" or "Err".	Weight exceeds maximum capacity (300 lbs) or sudden impact.	Remove excess weight. Avoid dropping items on the platform.
Scale turns off unexpectedly.	Auto-off feature activated, low power, or internal fault.	Check power connection. Some scales have an auto-off feature to save power; consult the full manual for settings. If persistent, contact support.

SPECIFICATIONS

- **Brand:** CAS
- **Model Number:** BW-150DB
- **Weight Limit:** 300 Pounds
- **Readout Accuracy:** 0.1 pounds
- **Display Type:** LCD
- **Product Dimensions:** 26.2 x 16.7 x 29.7 inches (L x W x H)
- **Item Weight:** Approximately 33.95 Pounds
- **Manufacturer:** CAS
- **Date First Available:** July 23, 2009
- **EU Spare Part Availability Duration:** 2 Years

WARRANTY AND SUPPORT

For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official CAS website. Warranty coverage typically addresses manufacturing defects.

If you require technical assistance, service, or have questions not covered in this manual, please contact CAS customer support. Contact information can usually be found on the manufacturer's official website or on the product packaging.

CAS Official Website: Visit CAS Store on Amazon (for general information and product range)

Related Documents - BW-150DB

CAS EB Series Retail Bench Scale Owner's Manual
Comprehensive owner's manual for the CAS EB Series Retail Bench Scale, detailing setup, operations, programming, sales transactions, and specifications for accurate retail weighing.

CAS ER JR Series Price Computing Scale Owner's Manual
Comprehensive owner's manual for the CAS ER JR Series Price Computing Scale, detailing operation, setup, features, error handling, and technical specifications for retail environments.

	CAS PR-II Series Price Computing Scale Owner's Manual Comprehensive owner's manual for the CAS PR-II Series price computing scale, covering installation, operation, maintenance, specifications, and interface details.
	CAS CL-5500 Ticket and Label Printing Scale Quick Guide A quick guide to operating the CAS CL-5500 Ticket and Label Printing Scale, covering sales and labeling operations.
	CAS CN1 Label Printing Scale Quick Guide A quick guide for operating the CAS CN1 label printing scale, covering labelling operations for weighing items and counting items.
	CAS IE SERIES Crane Scale Owner's Manual Official owner's manual for the CAS IE SERIES Crane Scale. Provides detailed instructions on safety, operation, specifications, troubleshooting, and remote controller functions for industrial weighing applications.