

## Brecknell GP250

# Brecknell GP250 Digital Bench Scale User Manual

Model: GP250

## 1. INTRODUCTION

This manual provides instructions for the proper setup, operation, and maintenance of your Brecknell GP250 Digital Bench Scale. The GP250 is designed for accurate weighing with an electro-mechanical design, featuring an attached handle for portability. It includes a user-friendly keyboard with Hold, Tare, and Units buttons, along with automatic shutdown, auto zero tracking, and overload capacity features.

## 2. SAFETY INFORMATION

- Always place the scale on a stable, level surface to ensure accurate readings.
- Do not exceed the maximum weight capacity of 250 pounds (113 kg).
- Avoid exposing the scale to extreme temperatures, moisture, or direct sunlight.
- Do not drop or subject the scale to strong impacts.
- Keep the scale clean and free from dust and debris.
- Use only the specified power adapter or batteries.

## 3. PACKAGE CONTENTS

Please check the package for the following items:

- Brecknell GP250 Digital Bench Scale
- Power Adapter (if included)
- User Manual (this document)

## 4. PRODUCT OVERVIEW

The Brecknell GP250 Digital Bench Scale features a durable weighing platform, an integrated display, and a control panel with several function buttons. It also includes a convenient handle for transport.



**Figure 4.1:** Front view of the Brecknell GP250 Digital Bench Scale. This image shows the scale's black platform, integrated digital display, and control buttons, along with the handle for portability.

### Control Panel Functions:

- **ON/OFF:** Powers the scale on or off.
- **ZERO/UNIT:** Zeros the display or switches between weighing units (e.g., lb, kg).
- **TARE:** Subtracts the weight of a container to display only the net weight of the item.
- **HOLD:** Freezes the displayed weight.

## 5. SETUP

1. **Unpacking:** Carefully remove the scale from its packaging. Retain packaging for future transport or storage.
2. **Placement:** Place the scale on a firm, level, and stable surface, away from vibrations, drafts, and direct heat sources.
3. **Power Connection:**
  - If using the AC adapter, plug the adapter into the scale's power input and then into a suitable electrical outlet.
  - If using batteries (not specified if included, assume option), open the battery compartment, insert the correct type and number of batteries, observing polarity.
4. **Initial Power On:** Press the **ON/OFF** button to turn on the scale. The display will perform a self-test and then show "0.0".

## 6. OPERATING INSTRUCTIONS

### 6.1 Basic Weighing

1. Ensure the scale is powered on and displays "0.0".
2. Gently place the item to be weighed onto the center of the weighing platform.
3. Read the weight displayed on the screen.



**Figure 6.1:** The Brecknell GP250 scale displaying a weight with a box placed on its platform. This illustrates the scale in active use for weighing items.

## 6.2 Changing Weighing Units

1. With the scale powered on, press the **ZERO/UNIT** button.
2. The display will cycle through available units (e.g., lb, kg). Release the button when your desired unit is shown.

## 6.3 Tare Function

The Tare function allows you to subtract the weight of a container so that only the weight of its contents is measured.

1. Place an empty container on the weighing platform. The scale will display its weight.
2. Press the **TARE** button. The display will reset to "0.0".
3. Add the items to be weighed into the container. The display will now show only the net weight of the items.
4. To clear the tare, remove the container from the platform. The scale will display a negative value. Press **TARE** again to return to "0.0".

## 6.4 Hold Function

The Hold function allows you to freeze the displayed weight, which is useful for weighing large or irregularly shaped items that might obscure the display.

1. Place the item on the weighing platform.
2. Once the weight stabilizes, press the **HOLD** button. The displayed weight will be locked.
3. You can now remove the item and read the frozen weight.
4. Press the **HOLD** button again to release the held weight and return to normal weighing mode.

# 7. MAINTENANCE

## 7.1 Cleaning

- Wipe the scale surface with a soft, damp cloth.
- Do not use abrasive cleaners, solvents, or immerse the scale in water.
- Ensure the scale is completely dry before storage or next use.

## 7.2 Storage

- Store the scale in a cool, dry place.
- If storing for an extended period, remove batteries to prevent leakage.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scale does not turn on.	No power or low batteries.	Check power adapter connection or replace batteries.
Inaccurate readings.	Unstable surface, overload, or calibration needed.	Place on a stable surface. Do not exceed capacity. Refer to calibration instructions (if available, otherwise contact support).
"Err" or "OL" displayed.	Overload.	Remove item immediately. Do not exceed maximum capacity.
Display shows "Lo".	Low battery.	Replace batteries.

## 9. SPECIFICATIONS

- **Model:** GP250 (SBWGP250)
- **Brand:** Brecknell
- **Capacity:** 250 lbs (113 kg)
- **Product Dimensions:** 10.95 x 12.5 x 2.2 inches (27.8 x 31.75 x 5.6 cm)
- **Item Weight:** 8 pounds (3.6 kg)
- **Special Feature:** Backlit Display
- **Color:** Black
- **Power Source:** AC Adapter / Batteries (details not specified in input, assume common options)
- **Features:** Hold, Tare, Units buttons, Auto Shutdown, Auto Zero Tracking, Overload Capacity.



**Figure 9.1:** The Brecknell GP250 scale with key dimensions labeled. This image provides a visual representation of the scale's physical size, indicating 12.5 inches in width and 2.5 inches in height (approximate, based on image labels).

## 10. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Brecknell customer service. Details regarding specific warranty periods and terms are typically provided with your purchase documentation or can be found on the official Brecknell website.

You can visit the official Brecknell store for more product information: [Brecknell Store on Amazon](#).

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### Related Documents - GP250

**Brecknell**








Instruction Manual  
BFS-150

MULTIFUNCTION SCALE  
BODY FAT WATER WEIGHT MUSCLE BONE DENSITY

#### [Brecknell BFS-150 Multifunction Scale: Instruction Manual and User Guide](#)

Comprehensive instruction manual for the Brecknell BFS-150 Multifunction Scale. Learn about its features, technical specifications, operation, maintenance, and how to interpret body fat, water, BMI, muscle, and bone measurements.

 <p>The image shows the cover of the Brecknell SBI-240 Weighing Indicator Service Manual. It features the Brecknell logo at the top, followed by the product name 'SBI-240 Weighing Indicator' and a photograph of the device. Below the photo is the text 'Service Manual' and 'Page 1 of 74'.</p>	<p><a href="#">Brecknell SBI-240 Weighing Indicator Service Manual</a></p> <p>Comprehensive service manual for the Brecknell SBI-240 Weighing Indicator, covering installation, operation, setup, calibration, serial communication, testing, and troubleshooting.</p>
 <p>The image shows the cover of the Brecknell 67XXU USB/Serial Scale Series Service Manual. It features the Brecknell logo, the product name '67XXU USB/Serial Scale Series', and a photograph of the scale. Below the photo is the text 'Service Manual'.</p>	<p><a href="#">Brecknell 67XXU USB/Serial Scale Series Service Manual</a></p> <p>Comprehensive service manual for the Brecknell 67XXU USB/Serial Scale Series, detailing installation, specifications, configuration, calibration, serial communication, and troubleshooting. Includes information on models 6702U, 6710U, and 6720U.</p>
 <p>The image shows the cover of the Brecknell MS140-300 Balance Portative avec Main Courante manual. It features the Brecknell logo, the product name 'MS140-300 Balance Portative avec main courante', and a photograph of the scale. Below the photo is the text 'Service Manual'.</p>	<p><a href="#">Brecknell MS140-300 Balance Portative avec Main Courante : Caractéristiques et Spécifications</a></p> <p>Découvrez la balance portative Brecknell MS140-300 avec main courante, idéale pour les soins de santé. Offre une grande plateforme, un indicateur ACL, une fonction de maintien et une garantie de 3 ans.</p>
 <p>The image shows the cover of the Brecknell MS20 Series Medical/Veterinary Scale manual. It features the Brecknell logo, the product name 'MS20 Series Medical/Veterinary Scale', and a photograph of the scale. Below the photo is the text 'Service Manual'.</p>	<p><a href="#">Brecknell MS20 Series Medical/Veterinary Scale - Accurate Weighing for Healthcare</a></p> <p>Explore the Brecknell MS20 Series Medical/Veterinary Scale, engineered for precise infant and small animal weighing. Features include an easy-to-read LCD, hold function, and durable construction. Ideal for medical and veterinary settings.</p>
 <p>The image shows the cover of the Brecknell PS3000-LCD Floor Scale manual. It features the Brecknell logo, the product name 'PS3000-LCD Balance au sol', and a photograph of the scale. Below the photo is the text 'Service Manual'.</p>	<p><a href="#">Brecknell PS3000-LCD Floor Scale: Robust Weighing Solution</a></p> <p>Discover the Brecknell PS3000-LCD floor scale, a durable and versatile weighing solution for large animals, veterinary applications, and freight operations. Features include a spacious platform, IP67 sealed load cells, and the user-friendly SBI 210 indicator.</p>