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> AMIR Professional Digital Mini Scale User Manual (20g-0.001g, Model B07SN2BHSR)

## AMIR B07SN2BHSR

# AMIR Professional Digital Mini Scale User Manual

MODEL: B07SN2BHSR

Brand: AMIR

## Introduction

This manual provides detailed instructions for the proper use and maintenance of your AMIR Professional Digital Mini Scale. Designed for high accuracy, this electronic smart scale offers precise measurements from 0.001g up to 20g. Please read all instructions carefully before operation to ensure accurate results and prolonged product life.

## Safety Information

- Always place the scale on a stable, flat, and horizontal surface to ensure accurate readings.
- Avoid exposing the scale to extreme temperatures, humidity, or direct sunlight.
- Do not overload the scale beyond its maximum capacity of 20g to prevent damage.
- Keep the scale away from strong electromagnetic fields.
- Handle with care; avoid dropping or subjecting the scale to strong impacts.
- Keep out of reach of children.

## Package Contents

- AMIR Professional Digital Mini Scale
- 20g Calibration Weight
- Tweezers
- AAA Batteries (included)

## Product Overview

The AMIR Professional Digital Mini Scale features a compact clamshell design for protection and portability. It includes a stainless steel weighing pan and a large LCD backlit display for clear readings.



The AMIR Professional Digital Mini Scale, open to reveal the weighing pan and backlit LCD display.

Key components include:

- **Weighing Pan:** Stainless steel surface for placing items.
- **LCD Display:** Large backlit screen showing weight, units, and indicators.
- **ON/OFF Button:** Powers the scale on or off.
- **MODE Button:** Used to change weighing units and for calibration.
- **TARE Button:** Used to zero out the weight of a container.
- **Hinged Cover:** Protects the weighing pan and display during storage and transport.

# TARE FUNCTION



1 Put the container on the centre of the weighing pan.



2 Press "TARE" button to let the reading reset to zero.



3 Put the item in the container.



4 Get the net weight.

**Note:** When you press the "TARE" Button, your container + your item  $\leq 20g$ .

Robust construction with hinged cover and stainless steel weighing pan.

## Setup

1. **Battery Installation:** Open the battery compartment on the underside of the scale. Insert the included AAA batteries, ensuring correct polarity. Close the compartment securely.
2. **Placement:** Place the scale on a hard, flat, and stable surface. Avoid placing it on soft, uneven, or vibrating surfaces, as this can affect accuracy.
3. **Initial Power On:** Press the 'ON/OFF' button to turn on the scale. Wait for the display to show '0.000' before weighing.

## Operating Instructions

### 1. Turning On/Off

- To turn on: Press the 'ON/OFF' button.
- To turn off: Press and hold the 'ON/OFF' button for a few seconds, or the scale will automatically shut off after 180 seconds of inactivity to conserve battery life.

### 2. Unit Conversion

The scale supports multiple units of measurement. To switch between units:

- Press the 'MODE' button repeatedly to cycle through the available units: grams (g), ounces (oz), troy ounces (ozt), pennyweights (dwt), carats (ct), and grains (gn).
- The selected unit will be displayed on the LCD screen.



The scale supports 6 different units for versatile weighing.

### 3. Tare Function

The Tare function allows you to subtract the weight of a container, so you only measure the contents.

1. Place an empty container on the center of the weighing pan.
2. Wait for the display to stabilize.
3. Press the 'TARE' button. The display will reset to '0.000'.
4. Place the item(s) to be weighed into the container. The display will show the net weight of the item(s).

# How To Calibrate The Scale



1 Press and hold the MODE key until the display reads "CAL".



2 Press the MODE key again and wait for the LCD display to flash "20.000".



3 Place the 20g weight (included) on the center of the platform.



4 Wait until the display displays "PASS", and then return to normal weighing mode.



5 Remove the 20g weight and complete the calibration.

**Note: Please place the scale on a horizontal flat surface before calibration.**

Visual guide for using the Tare function.

## 4. Calibration

Regular calibration ensures the highest accuracy of your scale. Use the included 20g calibration weight.

1. Turn on the scale and wait for '0.000' to appear.
2. Press and hold the 'MODE' button until 'CAL' is displayed, then release.
3. Press 'MODE' again. The display will flash '20.000'.
4. Carefully place the 20g calibration weight on the center of the weighing pan.
5. Wait for the display to show 'PASS', then return to normal weighing mode. Calibration is complete.



## Designed With Large Backlit LCD Screen To Clearly Show Results

Making it easy for you to read your measurement results



Step-by-step guide for calibrating your scale.

Your browser does not support the video tag.

Official video demonstrating the calibration and usage of the AMIR Mini Scale.

### 5. Weighing Items

- Ensure the scale is on a stable surface and displaying '0.000'.
- Carefully place the item(s) to be weighed on the center of the weighing pan.
- Read the stable weight displayed on the LCD.
- For optimal accuracy, place items within the designated circle on the platform.

# Robust Construction



Examples of precise weighing applications for the scale.

## Maintenance

- **Cleaning:** Wipe the scale with a slightly damp cloth. Do not use abrasive cleaners or immerse the scale in water.
- **Storage:** Store the scale in a clean, dry environment. The clamshell design helps protect the weighing surface and buttons.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display.

## Troubleshooting

Problem	Possible Cause	Solution
Inaccurate readings	Uneven surface, vibrations, or drafts.	Place the scale on a stable, flat surface away from drafts. Recalibrate if necessary.
Display shows 'Lo' or 'Err'	Low battery.	Replace the AAA batteries.

Problem	Possible Cause	Solution
Display shows 'O-Ld'	Overload.	Remove the item immediately. Do not exceed 20g capacity.
Scale does not turn on	Dead batteries or incorrect installation.	Check battery polarity or replace batteries.

## Specifications

Feature	Detail
Brand	AMIR
Model	B07SN2BHSR
Color	Green
Weight Capacity Maximum	20g (0.04 Pounds)
Readout Accuracy	0.001g
Measurement Units	g, oz, ozt, dwt, ct, gn
Display Type	LCD with Backlit Display
Material Type	Stainless Steel (Weighing Pan)
Auto-Off Function	180 seconds of inactivity
Item Weight	19.96 g

## Warranty & Support

This AMIR Professional Digital Mini Scale comes with a 1-year manufacturer's warranty. Additionally, a 30-day refund/replacement policy is available through the retailer. For any product inquiries or support, please contact the seller or manufacturer directly. AMIR is committed to providing high-quality electronic products and customer satisfaction.