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EVTSCAN SF-890

EVTSCAN Electronic Platform Scale SF-890 User Manual

Model: SF-890

1. Introduction

The EVTSCAN Electronic Platform Scale SF-890 is a high-accuracy measurement tool designed for precise weighing tasks. It features a robust platform and a clear digital display, making it suitable for various applications requiring accurate weight measurements up to 50 kilograms.

Key Features:

- Equipped with a high-accuracy strain gauge sensor system for precise measurement.
- Durable construction for long service life.
- Supports 4 weighing modes: grams (g), kilograms (kg), ounces (oz), and pounds (lb).
- Automatic zero reset and power-off functions.
- Clear digital display for easy reading.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1 x Electronic Platform Scale (Weighing Platform)
- 1 x Digital Display Unit
- 1 x Signal Transmission Cable
- 1 x English User Manual

3. Setup

3.1 Battery Installation

The digital display unit requires **2 x AAA batteries** (not included) for operation.

1. Locate the battery compartment on the back of the digital display unit.
2. Open the battery compartment cover.
3. Insert two AAA batteries, ensuring correct polarity (+/-).

4. Close the battery compartment cover securely.

3.2 Connecting the Display Unit

Connect the digital display unit to the weighing platform using the provided signal transmission cable.

1. Plug one end of the signal transmission cable into the port on the weighing platform.
2. Plug the other end of the cable into the corresponding port on the digital display unit.



Image 3.2.1: The EVTSCAN Electronic Platform Scale showing the weighing platform, separate digital display unit, and the coiled signal transmission cable.

4. Operating Instructions

4.1 Power On/Off

Press the **ON/OFF** button on the digital display unit to turn the scale on or off.

4.2 Weighing an Item

1. Ensure the scale is on and displays '0'.
2. Carefully place the item to be weighed onto the center of the weighing platform.
3. Read the weight displayed on the digital screen.



Image 4.2.1: The scale in use, displaying the weight of various fruits on the platform.

4.3 Tare Function (Zeroing)

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 weighing platform.
2. Wait for the display to stabilize.
3. Press the **TARE** button. The LCD will show '0'.
4. Now, place the item to be weighed into the container. The displayed value will be the net weight of the item, excluding the container.

4.4 Unit Conversion

To change the weighing unit:

1. With the scale on, press the **MODE** button.
2. Each press will cycle through the available units: grams (g), kilograms (kg), ounces (oz), and pounds (lb).
3. Select your desired unit.

4.5 Value Lock (HOLD)

The HOLD function allows you to lock the displayed weight for easier reading, especially for large or awkwardly shaped items.

1. Weigh an item as usual.
2. Once the weight is stable, press the **HOLD** button.
3. The displayed weight will be locked. Press **HOLD** again to release.



Image 4.5.1: Close-up view of the digital display unit, highlighting the function buttons.

5. Specifications

- **Item Type:** Electronic Platform Scale
- **Model:** SF-890
- **Weighing Range:** 50KG/2G (Maximum value: 50 kg, Minimum value: 20 G)
- **Allowable Error Value:** 0-10g
- **Accuracy:** 2g
- **Weighing Units:** G / KG / LB / OZ
- **Scale Dimensions:** Approx. 25 x 25 x 5 cm (9.8 x 9.8 x 2 inches)
- **Weighing Platform Size:** Approx. 25 x 25 cm (9.8 x 9.8 inches)
- **Power Supply:** 2 x AAA batteries (not included)
- **Weight Limit:** 50 Kilograms
- **Item Weight (Scale Only):** 2.78 Kilograms
- **Manufacturer:** EVTSCAN

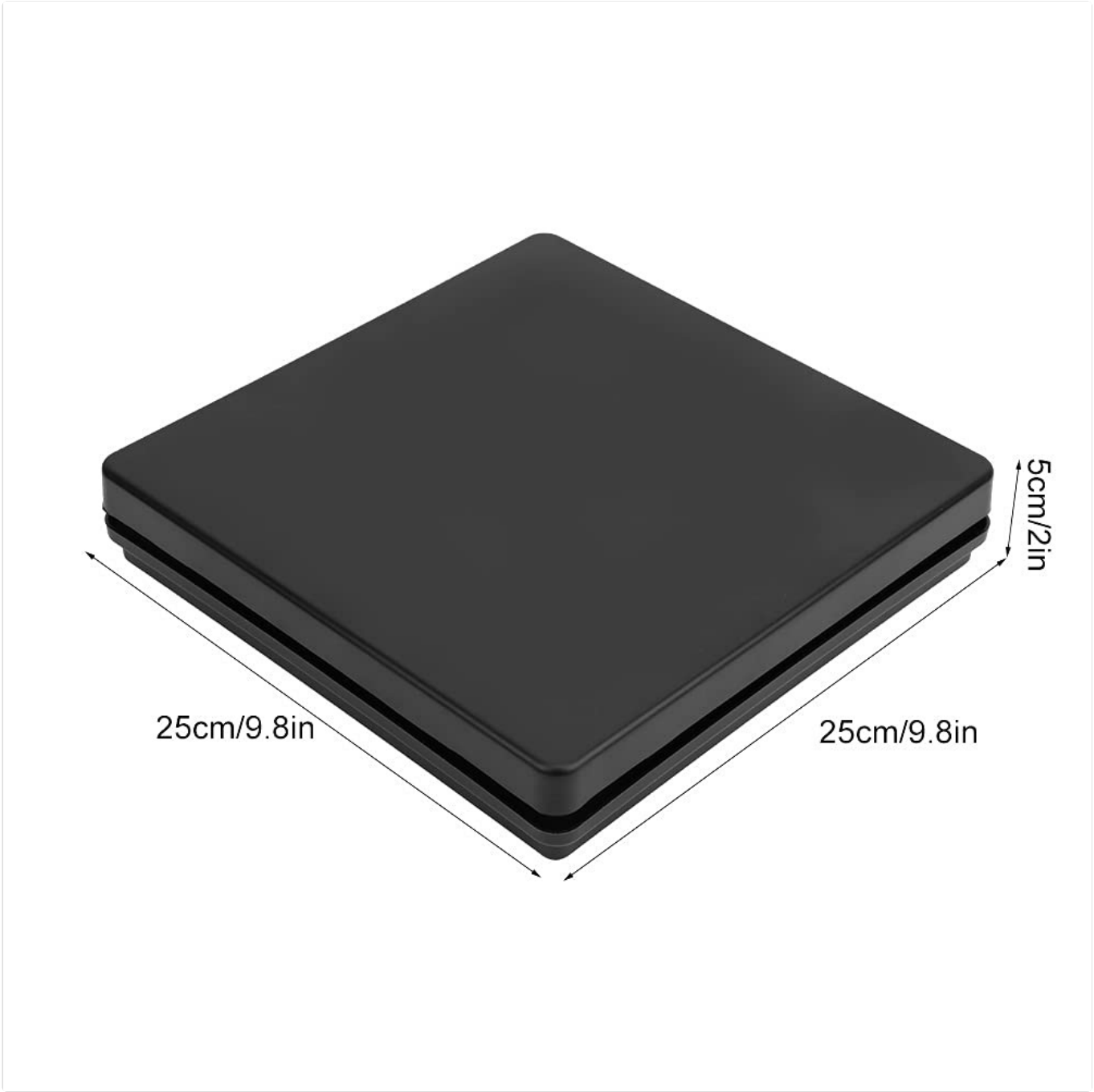

Image 5.1: Dimensional diagram of the electronic platform scale.

6. Maintenance

To ensure the longevity and accuracy of your scale, follow these maintenance guidelines:

- **Cleaning:** Wipe the scale surface with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Storage:** Store the scale in a dry, stable environment away from extreme temperatures and humidity.
- **Battery Removal:** If the scale will not be used for an extended period, remove the batteries to prevent potential leakage and damage to the electronic components.

7. Troubleshooting

Refer to the following common issues and their solutions:

- **Display shows "LO":** This indicates that the batteries are low and need to be replaced. Install new AAA batteries.
- **Display shows "O-LD":** This means the scale is overloaded. Immediately remove the weight from the platform. Exceeding the maximum weight capacity (50 kg) can damage the internal sensor.
- **Inaccurate Readings:** Ensure the scale is placed on a flat, stable surface. Avoid placing it near vibrating equipment or in drafty areas. Check battery levels.

8. Warranty and Support

For warranty information, technical support, or service inquiries regarding your EVTSCAN Electronic Platform Scale SF-890, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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