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Fuzion M1 Class 210g Stainless Steel Calibration Weight Kit Instruction Manual

Model: Cal-9

1. INTRODUCTION

Thank you for choosing the Fuzion M1 Class 210g Stainless Steel Calibration Weight Kit. This kit is designed to provide precise and reliable calibration for various types of scales, including digital, gram, pocket, jewelry, and milligram scales. Manufactured with high-quality chrome-plated stainless steel, these weights meet M1 Class accuracy standards, ensuring consistent and accurate measurements. Proper use and maintenance will ensure the longevity and accuracy of your calibration weights.

2. PACKAGE CONTENTS

Your Fuzion M1 Class 210g Calibration Weight Kit includes the following items:

- 9 x Stainless Steel Calibration Weights (Total 210g):
 - 1 x 1g weight
 - 2 x 2g weights
 - 1 x 5g weight
 - 1 x 10g weight
 - 2 x 20g weights
 - 1 x 50g weight
 - 1 x 100g weight
- 1 x Stainless Steel Tweezers
- 1 x Portable ABS Storage Box with Cushion Pad



Image: The Fuzion 210g Calibration Weight Kit, showing the complete set of weights, stainless steel tweezers, and the durable ABS storage box.



Image: A visual representation of the individual weights included in the 9-piece set, clearly labeled with their respective gram values (1g, 2g, 5g, 10g, 20g, 50g, 100g).

3. SETUP

Before using your calibration weights, please follow these setup guidelines:

- 1. Unpack Carefully:** Remove all components from the packaging. Inspect the weights and tweezers for any signs of damage.
- 2. Familiarize Yourself:** Identify each weight by its engraved value. The tweezers are located at the bottom of the storage box.
- 3. Prepare Your Workspace:** Ensure your scale is placed on a stable, level, and vibration-free surface. Avoid areas with drafts, direct sunlight, or extreme temperature fluctuations, as these can affect scale accuracy.
- 4. Handle with Care:** Always use the provided stainless steel tweezers to handle the weights. This prevents oils, dirt, or moisture from your hands from transferring to the weights, which can alter their mass and compromise calibration accuracy.

OTHER PLASTIC TWEEZERS



**HARD TO PICK
EASY TO BEND**

OUR STAINLESS STEEL TWEEZERS



Easy To Pick



Sturdy And Durable



Long Service Life

Image: A comparison highlighting the durability and ease of use of the included stainless steel tweezers for handling small calibration weights, contrasting them with less sturdy plastic alternatives.

4. OPERATING INSTRUCTIONS: SCALE CALIBRATION

The following steps outline a general procedure for calibrating a digital scale using your Fuzion calibration weights. Refer to your specific scale's instruction manual for detailed calibration mode entry and confirmation steps, as these can vary by model.

- 1. Power On and Stabilize:** Turn on your digital scale and allow it to warm up and stabilize for a few minutes. Ensure the display reads "0.00" or similar.
- 2. Enter Calibration Mode:** Consult your scale's manual to learn how to enter its calibration mode. This often involves pressing and holding a specific button (e.g., "CAL", "MODE") for a few seconds. The display may show "CAL" or a flashing weight value.
- 3. Place First Weight (if prompted):** Some scales may prompt for a specific initial weight. Using the tweezers, carefully place the required Fuzion calibration weight onto the center of the scale's weighing platform.
- 4. Confirm and Add Subsequent Weights:** The scale's display should show the value of the placed weight. If prompted, confirm this weight according to your scale's instructions. Some scales may then ask for additional weights or a different weight value. Continue to place the appropriate Fuzion weights using the tweezers.
- 5. Complete Calibration:** Once all required weights have been placed and confirmed, the scale should exit

calibration mode and return to normal weighing mode, displaying "0.00".

6. Verify Accuracy: To verify successful calibration, remove all weights and turn the scale off and then on again. Place one or more Fuzion weights on the scale to confirm that the displayed values are accurate.



Image: Fuzion calibration weights demonstrating their use on two distinct digital scales, showing how they are placed on the weighing platform for accurate measurement and calibration.

Your browser does not support the video tag.

Video: This video demonstrates the use of a calibration weight set, similar to the Fuzion kit, for calibrating a digital scale. It shows how weights are carefully placed on the scale to ensure accurate readings.

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Video: This video illustrates the process of using counterweights to test and calibrate a scale. It provides a visual guide on how to place and remove weights to check for accuracy.

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Video: A demonstration of an 8-piece calibration weight set in use, showing how different weights are applied to a scale for calibration purposes.

5. MAINTENANCE

To maintain the accuracy and longevity of your Fuzion calibration weights, adhere to the following maintenance practices:

- **Cleanliness:** Keep the weights clean and free from dust, dirt, and oils. Use a soft, lint-free cloth to gently wipe them if necessary. Avoid abrasive cleaners or materials that could scratch the chrome-plated surface.
- **Proper Handling:** Always use the provided stainless steel tweezers when handling the weights. This prevents skin oils and contaminants from affecting their mass.
- **Storage:** Store the weights in their portable ABS storage box when not in use. The internal cushion pad helps protect them from impact and reduces noise, while the tightly closed design keeps them secure and free from environmental contaminants.
- **Environmental Conditions:** Store the kit in a dry, stable environment, away from extreme temperatures, humidity, and corrosive chemicals.



Image: A detailed view of the Fuzion calibration weight storage box, highlighting its features such as the cushion pad for protection and the secure, tightly closed mechanism, made from durable ABS material.



Image: The stainless steel tweezers neatly stored in their designated slot at the bottom of the Fuzion calibration weight kit's storage box, ensuring they are always accessible and protected.

6. TROUBLESHOOTING

If you encounter issues during scale calibration or with the weights themselves, consider the following:

- **Inaccurate Scale Readings After Calibration:**

- Ensure the scale is on a perfectly level and stable surface.
- Check for drafts or air currents that might affect the scale.
- Verify that the scale's battery is not low, as this can impact accuracy.
- Repeat the calibration process carefully, following your scale's specific instructions.
- Ensure the weights are clean and handled only with tweezers.

- **Weights Not Fitting in Storage Box:**

- Ensure each weight is placed in its correct, corresponding slot.
- The tweezers are designed to fit in a specific compartment at the bottom of the box.

- **Weights Appear Damaged or Corroded:**

- While made of corrosion-preventive stainless steel, prolonged exposure to harsh chemicals or

extreme humidity can cause damage. Ensure proper storage.

- If a weight is visibly damaged or corroded, its accuracy may be compromised, and it should be replaced.

7. SPECIFICATIONS

Feature	Detail
Product Name	Fuzion M1 Class Calibration Weight Kit
Model Number	Cal-9
Total Weight	210g
Number of Pieces	9 (1g, 2x2g, 5g, 10g, 2x20g, 50g, 100g)
Accuracy Class	M1 Class (OIML standards)
Material	Chrome-plated Stainless Steel
Included Accessories	Stainless Steel Tweezers, ABS Storage Box
Parcel Dimensions	10.59 x 5.59 x 3.4 cm
Product Weight	272 g
Manufacturer	Fuzion
Country of Origin	China



CNC Machine
Manufactured



Chrome-Plated
Stainless Steel



Anti-Corrosion



Professional
LAB Tested

Image: A Fuzion 100g calibration weight displayed alongside icons representing its quality attributes: CNC Machine Manufactured, Chrome-Plated Stainless Steel, Anti-Corrosion, Professional LAB Tested, and adherence to OIML, CNAS, and ilac-MRA standards.

8. WARRANTY AND SUPPORT

Fuzion is committed to 100% customer satisfaction. Your Fuzion M1 Class 210g Stainless Steel Calibration Weight Kit comes with a **10-year warranty**.

For any questions, concerns, or support needs regarding your product, please contact Fuzion Global Corp. customer service. Our dedicated service team is ready to assist you.

Contact Information:

- Manufacturer: Fuzion
- Place of Business: Fuzion Global Corp. 176 Creditstone Road Unit 7 Concord L4K 4H7 Ontario CA

Related Documents - Cal-9



[Fuzion KD-Series Professional Digital Milligram Scale User Guide](#)

Comprehensive user guide for the Fuzion KD-Series Professional Digital Scale, including models KD-50 and KD-20. Learn about setup, operation, tare function, auto-off settings, calibration procedures, and detailed specifications.



[Fuzion EP Digital Postal Scale Quick Start Guide](#)

A quick start guide for the Fuzion EP Digital Postal Scale, covering operation, calibration, troubleshooting, and specifications. Learn how to use the tare and hold functions, and understand indication messages.



[Fuzion Luxury Vinyl Flooring: Maintenance Guide & Warranty](#)

Learn essential maintenance tips and understand the comprehensive warranty coverage for Fuzion SmartDrop Luxury Vinyl flooring, including residential and commercial terms.



[FUZION-EX Electric Stove Owner's Manual: Installation and Operation](#)

Comprehensive owner's manual for the FUZION-EX electric freestanding stove by Forge & Flame, covering installation, operation, maintenance, safety, and troubleshooting procedures.



[Guide d'entretien : Planchers en vinyle de luxe Fuzion](#)

Découvrez les règles d'entretien de base pour les planchers en vinyle de luxe Fuzion. Ce guide couvre les collections, les instructions de nettoyage, la préparation et le produit FuzClean pour maintenir la beauté et la durabilité de votre revêtement de sol.



[Fuzion Luxury Vinyl Flooring Maintenance Guide: Care and Cleaning Tips](#)

Comprehensive guide from Fuzion on maintaining Luxury Vinyl Flooring. Learn essential care instructions, cleaning methods, and product recommendations for extending the life and appearance of your vinyl floors.