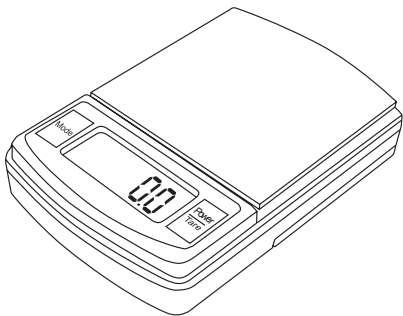


**FAST**  **WEIGH**

# **M-Series**

*Digital Pocket Scale*



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**M-50**  
**M-100**  
**M-250**  
**M-500**

*User Manual*

## M-Series Manual

Thank you for purchasing the Fast Weigh M-Series digital scale. Please read all operating instructions carefully before use. This electronic scale is a precision instrument. With normal care and proper treatment, it will provide years of reliable service. Never load the scale with more than the maximum capacity. Overloading will permanently damage it! Avoid any exposure to extreme heat or cold. Your scale works better when operated at normal room temperature. Always allow the scale to acclimatize to normal room temperature for at least one hour before use.

Give your scale sufficient warm up time. Usually 30-60 seconds before calibration to give the internal components a chance to stabilize.

Keep your scale in a clean environment. Dust, dirt, moisture, vibration, air currents and a close distance to other electronic equipment can all cause an adverse effect on the reliability and accuracy of your scale.

Handle with care. Gently apply all items to be weighed onto tray top. Although this scale is designed to be quite durable, try to avoid rough treatment as this may permanently damage the internal sensor.

Avoid shaking, dropping or otherwise shocking the scale. This is a precision instrument and must be handled with extreme care.

**Only operate the scale on a stable, vibration free surface.**

## **I. OPERATION**

Place the scale on a flat surface.

1. Press the [POWER/TARE] key to turn the scale on.
2. Wait until "0.0" or "0.00" is displayed.
3. Place the object(s) on the weighing platform.
4. Using the [MODE] key, you can switch between the different weighing units.
5. When finished weighing, you can hold the [POWER/TARE] key to turn the scale off.

## **II. TARE WEIGHING**(subtracts the weight of a container.)

1. Turn on scale as described above.
2. Place the "tare item" (container) on the platform.
3. Press [POWER/TARE] and wait until "0.0" or "0.00" is displayed.
4. Add the "net-weight-item" (weight of contents only).

## **III. CALIBRATION**

Calibration is not required before first use. Only calibrate if scale is not weighing properly.

**M-50 - uses a 50g calibration weight**

**M-100 - uses a 100g calibration weight**

**M-250 - uses a 200g calibration weight**

**M-500 - uses a 500g calibration weight**

### **M-100 Calibration Method**

1. Turn OFF the scale.
2. Press and hold the [MODE] key and [POWER/TARE] key at the same time until the display shows a random number.

3. Release the [POWER/TARE] key and [MODE] keys.
4. Press the [POWER/TARE] key again. The display will show AL 0 followed by the required calibration weight. Place the required weight on the scale.
5. Once the scale is stable, the LCD will display AL F. Calibration is complete! AL E means calibration failure (Repeat steps 1 - 5)

### **M-50, M-250, M-500 Calibration Method**

1. Turn OFF the scale.
2. Press and hold the [MODE] key and [POWER/TARE] key at the same time until the display shows a random number.
3. Release the [POWER/TARE] key and [MODE] keys.
4. Press the [POWER/TARE] key again. The display will show AL 0 followed by the required calibration weight. Place the required weight on the scale.
5. Press [POWER/TARE] once more. If the display shows AL F, calibration is complete! AL E means calibration failure (Repeat steps 1 - 5).

## V. TROUBLESHOOTING

The primary reasons for inaccuracy or malfunction are low batteries, incorrect calibration, overload or operating on an unstable surface. Please keep this in mind and maintain and operate your scale properly. This scale is a precise instrument and must be handled with the utmost care and caution.

- [Display]** Elimination of errors
- [LO-]** Replace the batteries.
- [o-Ld]** You are overloading the scale. Remove the excessive load immediately!
- [AL E]** A calibration error has occurred. If the error continues, the delicate load cells may have been damaged.

# Specifications

Model	M-50	M-100	M-250	M-500
Capacity	50g / 1.764oz / 772gn / 250ct	100g / 3.528oz / 500ct / 1543gn	250g / 8.82oz / 8.54ozt / 160.75dwt	500g / 17.64oz / 16.08ozt / 321.5dwt
Resolution	0.01g / 0.001oz / 0.1gn/ 0.05ct	0.01g / 0.001oz / 0.2gn/ 0.05ct	€Ffg / €Foz / €0Fozt / €Fdwt	€F* / 0.01oz / 0.01ozt / 0.1dwt
Calibration Weight	50g	100g	200g	500g
Platform Size	2.1 x 2.2 "			
Dimensions	3.5 x 2.3 x 0.75 "			
Power	two AAA Batteries			
Warranty	5 Year Warranty			