

MX-50 Owner's Manual & Advanced Programming

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Thank you for purchasing The MX-50. With normal care and proper treatment it will provide years of reliable service. **Please read all operating instructions carefully before use.** It may be necessary to calibrate the scale before the first use.

PROPER OPERATION AND ENVIRONMENT

- Please remember to remove the platform expansion tray before use. The tray must not be installed upside down during use!
- Avoid any exposure to extreme heat or cold, your scale works best when operated at normal room temperature. Always allow the scale to acclimate to normal room temperature for at least one hour before use.
- Allow sufficient warm up time. Usually 10-60 seconds before calibration to give the internal components a chance to stabilize.
- The cleaner the environment the better. Dust, dirt, moisture, vibration, air currents and proximity 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
- **Do not overload scale.** Do not place anything that weighs more than 50 grams on the scale or you may permanently damage the scale and **void your warranty.**

MX-50c SPECIFICATIONS

Capacity: 50g / 250ct / 775gn

Readability: 0.01g / 0.05ct / 0.2gn

Linearity: +/-0.01g / .05ct / .2gn

Units (default): g/ct/gn

Calibration: Auto calibration

Tare range: Tare full capacity

Auto off (default): 2 minutes off

Operation temperature: 10°C-30°C / 50°F-86°F

Display: LCD 5 digitsx12mm

Dimensions: 13.5x8.2x2cm

Weight: 160g

AUTO CALIBRATION

1. Turn the scale OFF. Press and hold the ON/TARE key, then while holding down the ON/TARE key, press the UNITS key 3 times, then release the ON/TARE key.
2. The scale will now be in calibration mode. The display will first show a random figure, then it will show "C 50".
3. Place the 50 gram weight on the tray. The scale will change to 50.00. The Calibration is complete. Remove the weight from the tray.

ADVANCED PROGRAMMING MODE

1. Press and hold the "ON/TARE" key and don't release it, then press the "UNITS" key four times. Now release the "ON/TARE" key. The scale will enter the following modes: (A)OFF_X(1-9) (B) SLEP 0/1 (C)Unit 1 (D) Unit 2. Press "ON/TARE" key to select (A) to (D) sequentially.
 - A. OFF_X(1-9): Select time auto off. Use "UNITS" key to choose "OFF_1" (shortest auto-off time) through "OFF_9" (longest auto-off time).
 - B. SLEP 0/1: Please use "UNITS" key to choose auto off (1) or no auto off (0). "OFF_X" is only effective in "SLEP 1" mode.
 - C. Unit 1:(this is for the MX50C only) Fix the scale reading (weighing) units of g/gn/ct.The default setting is as follows: ? next to GN, ? next to CT, and "g" should show in the right corner (not an arrow). If you press the UNITS key to change the Unit 1 so that there is an ? next to the GN, ? next to the CT and ? next to G, then the scale will actually read as follows: When in GN mode , the scale will actually show pennyweight. When in CT mode, the scale will actually show troy ounces. When in G mode, grams will be shown. You can also change the display so that it will read in grams or ounces by pressing the units key until the "g" and "oz" both light up on the display. Then the scale will be able to read in grams or ounces. Remember, You can always change the scale back to it's default settings.
 - D. Unit 2: To select the default weighing mode (what mode the scale will initially turn on in).
2. All settings are finished, turn off the scale. (turn the scale off).