

Before you start:

- Leave the clear lid on the top of the scale. Turn the scale over, locate the battery compartment and install batteries. Turn the scale back over and remove the clear lid.
- Press the On button. Allow the scale to warm up for thirty seconds. Now press the Cal button for about 3 seconds until “AL” shows in the display. The display will then flash “CAL”. In a few seconds the display will change to “CAL 0”, remove finger from Cal button.
- When the scale reads “CAL 0,” place the calibration weight on the scale pan. (Do not use your powder pan at this time.)
- Wait about five seconds. If the display changes to “CAL F,” it means the calibration has been successfully completed. The scale is now ready to use.
- If the display changes to “CAL E,” it means the calibration has failed. Turn off the scale and repeat steps 1 to 4 above.

Using your scale:

- Turn your scale on and allow it to warm up. If you have not calibrated your scale, do so now.
- Press the Cal/Mode button until the scale reads “gr” in the top right corner.
- Place your powder pan on the scale. Allow the weight to stop changing. Note the weight and press the Tare button once. The scale should now read 0.0 gr.
- Remove the powder pan; the scale will show a negative weight that is the same as the weight of the powder pan.
- Drop a powder charge into the powder pan. Place the powder pan (now full of powder) onto the scale pan. The reading is the weight of your powder charge. If your scale shuts off automatically between powder charges, turn the scale back on with the powder pan removed. You do not need to recalibrate the scale.
- Electronic scales are a great time-saving device, and should be seen as a complement to a simple manual scale rather than a replacement for a manual scale. If you have any doubts about a reading from the scale, check your scale with the supplied check weight or check the powder charge with a manual scale. Re-calibrate your scale if necessary. For best results, recalibrate your scale frequently, and especially after significant changes in temperature or humidity.

Operating tips:

- This scale is a precision instrument that uses an extremely sensitive load cell. Avoid sharp blows to the scale pan.
- This scale is extremely sensitive to air movement – for best accuracy, be sure that all vents or fans in your loading area have been turned off before using this device.
- To prolong your scale’s accurate life, do not leave weight on the scale after use.
- If you begin getting inconsistent readings, replace old batteries with fresh ones, or recalibrate your scale.

Operating your Frankford Arsenal Micro Scale



Keyboard Functions

On – power key; scales shuts off automatically after 60 seconds.

Tare – causes the scale to reset to 0.0 with weight of the pan – use this key to account for the weight of the powder pan.

Cal/Mode – Press to get the scale to enter into the calibration mode or to select weighing units needed.

