

User Calibration

In case of severe overload the scale may lose its accuracy. Re-calibration of the scale may be needed. The load cell of this precision scale is normally protected against overloaded weight applied slowly, but extreme overload caused by dropping the scale or dropping something heavy on the scale may require re-calibration.

CAUTION: Please do not attempt any calibration by yourself unless you have a 5 lbs weight available.

Make sure the scale is connected to the PC via USB cable or to AC mains. Press the ON/TARE key and hold it for about 5 seconds. When

the display changes to , release the ON/TARE key. Now the scale is in user calibration mode. Put 5lbs weight on the platform. After the weight is stable, scale will calibrate itself. Once the calibration is completed, scale will enter the normal weighing mode.

ELANE

USB10

Electronic Postal Scale

With fold-up platform for weighing large flats or mailing tubes

Max. 10 lbs d=0.1oz

Operating Instructions

SCALE SPECIFICATIONS

Range	: 0 ~ 10lb Mechanical overload protection
Tare	: Unlimited to the total capacity of the scale
Accuracy	: $\pm 0.1\%$ of reading ± 1 digit
Factory Calibration	: Four points of Automatic Calibration for greater accuracy
User Calibration	: One point automatic calibration
Resolution	: 0.1 oz
Minimum Weight	: >0.1 oz
Min. Add-on Wt.	: >0.1 oz
Power	: AC Adaptor: 9 V, 100mA (Optional) or USB: Self powered or Battery: 9 V Alkaline battery (Not supplied)
Warm-up time	: 1 minute or less
Display	: 7 segment LCD with 6 digits
Auto Off	: Auto off after 5 minutes of non-use in battery operation
Temperature	: Good performance within 50 degrees to 105 degrees F
Case & Platform	: ABS plastic
Load Cell Technology	: Four optimal placed single strain gages with temperature compensation
Load Cell Body	: High Tensile Strength Aluminum Alloy




Unpacking and assembling the scale

Unpack the scale and if the scale came from a colder or warmer environment let it first stay for sometime to be at the same temperature as your current environment.

Using the scale with the power adapter




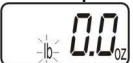
Connect the supplied power adapter to the input socket at the rear of the scale and plug it into the power supply. It is advisable to remove the battery when using the power adapter.

Scale startup

Press the  key.  will appear briefly in the LCD window as the scale performs a self-check/zeroing routine, after which  will appear in the LCD window. Your scale is now ready to weigh. If you use the adaptor or USB power, simply leave the scale always ON for best performance.

What is the function of TARE Key?

You can tare (set to zero) any article used as a container for small items in the following way.

If the scale is switched off, press the  key and wait for  to display. Place the container onto the platform, and then press the  key. The display will show . Place the item to be weighed into the container, on the platform. The scale will now show the weight of the item, excluding the weight of the container.

Be sure that the scale is operated on a flat surface

In order to operate correctly, the scale must be installed on a firm, flat surface.

Using the scale with a battery

Remove the battery compartment cover underneath the scale. Insert a 9V alkaline battery and connect to the battery snap. Replace the battery compartment cover.

Connecting the scale with PC

Connect square plug of the supplied USB cable to the back of the scale. Connect flat plug of the cable to an available USB port. Windows/Mac will automatically recognize the scale and install the appropriate driver. Now press ON/TARE key for the normal operation. When using USB the power adaptor is not necessary.

Interfacing with PC

Connect square plug of the supplied USB cable to the back of the scale. Connect flat plug of the cable to an available USB port. Install and open the sample PC program. The scale will output the weight to the PC.

The sample PC program can be downloaded from http://www.elane.net/index.php?go=utilities_download

Error Messages



Scale is overloaded.



Low battery indicator. Please replace the battery as soon as possible. Operation with low battery is possible but the accuracy of the scale is affected.