

Pressing **MR** key while the scale is in counting of other items mode will display the total number of items counted and stored in memory. Pressing **CE** key while in this particular display will erase all the total number of other items counted and stored in memory.

Calibrating the scale

Recalibration may be required if the load cell of the scale is overloaded due to dropping something heavy on the scale, dropping the scale or other kind of misuse. This scale has 5 points of advance calibration and 1 point of user calibration. (You need to have 1kg weight to proceed with the **user-calibration**).

Plug on the DC power supply. Press **ON/OFF** key on the keyboard panel of the scale (Make sure that there is no weight placed on the platform). The LCD will first display "©Elane" and then "Self-test..." will be displayed. At this moment (**when the Self-test... is being displayed on the LCD**) press the **Autocal** key. Scale will enter the user calibration mode. The scale will ask for 1kg weight. Put the 1kg weight on the platform and the scale will re-calibrate itself. Once the calibration is successful scale will ask to remove the 1kg weight from the platform.

If you don't have the 1kg weight simply press **CE** key to exit without calibration.

Note: If the weight placed is not 1kg, the scale will not proceed and will keep on asking for the 1kg weight. *Calibration should be carried out very cautiously!*

Operating Temperature

The scale is designed to operate in a normal room temperature. If subjected to cold or warm temperature, it should be allowed to reach the room temperature before operating.

Using the Supplied AC Adapter

Connect the AC adapter into the power jack and the output outlet on the right side of the scale. This adaptor is center negative 9V.

Operate on a Firm, Flat, Level Surface

In order to operate correctly, the scale must be installed on a firm, level, flat surface. You can adjust the level with the help of the level adjuster at the front panel of the scale.

ERROR DISPLAY

Overload! Will display when the weight on the platform is more than the scale's maximum capacity.

Remove Weight Will display when the scale is started in an uneven and vibrating surface/environment or with the weight placed on the platform or when the zero frequency of the scale is higher than the predefined value.

Underload! Will display when the zero frequency of the scale is lower than the predefined value.

ELANE

USA Coin Counter

Max 5kg, d = 0.5g

User Manual

Scale Features

Weighs in three modes:

- ✓ Pounds and Ounces
- ✓ Grams
- ✓ Troy Pounds and Ounces

Coin Counter – Counts all six types of coins for USA

Counted Value – Displays the value of coins counted in dollar

Memory – User can store and erase the total counts and value of the coins

Tare Function – Useful if weighing coins or other items using a container

Specifications

- Capacity : 5kg
- Graduation / Resolution : 0.5g
- Minimum Weight detection : 0.5g
- Min startup weight detection : >1.5g
- Accuracy : ± 1% of the reading
- Power consumption : Approx. 0.40 watts
- Tare : Unlimited (up to scale maximum capacity)
- Weight of Unit Scale : 1200g
- Dimensions : 26.5cm X 20cm X 8cm
- Platform Size : 14.5 cm x 19 cm
- Power Supply : 9 Volts Main Adapter or 6XAA batteries
- Auto-off : Auto-shut down after approx of 5 minutes of non use in battery operation.

Preparing the scale for use

- 1) Fix the weighing platform to the body of the scale via the location points. The slope edge of the platform should face the front part.
- 2) Plug the mains adapter supplied with the scale into the mains and connect the adapter's output plug to the input socket at the rear side of the scale.
- 3) Place the scale on a firm and even surface. Press **ON/OFF** key on the keyboard panel on the front side.
- 4) The display will show "(c) Elane Ver 1.2" for some time (may vary according to scale version) and "SelfTest....." After this, scale will go to GRAM weighing mode by default. Now the scale is ready for weighing and counting. This is the normal mode of the scale.

Operating the scale

Weighing

Press **WEIGHT** key to switch between the units of measurement (from gram to troy lb-oz to lb-oz). Pressing this key when in counting mode will also switch back to weighing mode. *In weighing mode, the display is only updated after the weight placed on the platform is stable.*

Coin Counting

There are six keys for the six different types of USA coins. While counting a particular type of coin the count number is displayed on the lower right side of the LCD and the equivalent value on the left lower side of the LCD.

- 1) **CENT** key for counting 1¢ coins
- 2) **NICKEL** key for counting 5¢ coins
- 3) **DIME** key for counting 10¢ coins
- 4) **QUARTER** key for counting 25¢ coins
- 5) **HALF DOLLAR** key for counting 50¢ coins
- 6) **DOLLAR** key for counting \$1 coins

Though the coin counter scale is sampled in the factory with the minimum pieces of coins for sampling, you may need to sample the coins once in a while for greater accuracy.

Sampling of Coins

For sampling of coins the following numbers of coins are required:

1. Cent – 50 coins
2. Nickel – 25 coins
3. Dime – 50 coins
4. Quarter – 25 coins
5. Half Dollar – 15 coins
6. Dollar – 20 coins

Make sure you have the correct number and types of coins before sampling the scale. To start sampling, press the coin key you want to do sampling on and press **SAMPLE COINS** key. The scale will ask for the corresponding number of coins as stated above. Place the coins on the scale platform and the scale will start sampling. The scale

continues to ask for the required number of coins if the coins placed on the platform is not within the allowable weight of sample coins. Once the sampling is completed, the scale will display "Sampling Success" for a while and goes to counting mode of the coin that was just sampled. Press **CE** key to exit sampling process if the required number of coins is not available for sampling. If **CE** key is pressed and the sampling is not completed, the sampling process is cancelled. *It is important to do this sampling process in an extremely non-vibrating and calm environment for better accuracy.*

Count and Set (Counting and Sampling of Other Items)

Apart from coins, the scale can also be used for counting other items. Press **COUNT** key to count other items. The items for counting have to be sampled first.

To do sampling of other items:

Press **SET** key. Scale will display "Input counts" and will ask to input the number of items for sampling. Use keys labeled with 1, 2, 5, 10, 50, and 100 to input the number of items. The numbers will be added up in the second line of LCD as the user presses the number keys (i.e. pressing 10 then 5 will add up to 15, pressing 100 then 10 then 1 will add up to 111). Pressing **CE** key while the number displayed is not 0 will set the input counts to 0. Pressing **CE** key while the number displayed is 0 will cancel the sampling process. Press **SET** key once the desired number is displayed and the scale will ask to place these number of items on the platform. The scale will start to resample the items and memorize this value for counting these items. Sampling must be done if counting other types of items. It is also recommended to use bigger quantities especially when sampling very light-weight items.

Tare

Pressing **TARE** key will set the weight/count to zero. This is useful if you have to take the weight of the coins or items with a container. Put the empty container and press **TARE** key, the scale will zero itself and now you can put the coins to count/weigh and the scale will only display the weight/count of the coins excluding the container. **Tare** works for both weighing and counting mode.

Add in memory (M+)

The scale can memorize the total number and value of all types of coins or other items (counts only) counted in as well as the total number and value of particular type of coins or other items (counts only) counted. Press **M+** key while the number of coins or other items being counted is displayed to add the counts to the value stored in memory. The LCD will prompt "Memorizing count" for some time.

Read Count Memory (MR)

Simply press **MR** key to read the total number or value of coins from the memory. Pressing **MR** key while the scale is in weighing mode (**GRAM or LB-OZ or TROY LB-OZ**) will display the total number and value of **all types of coins** counted. Pressing **CE** key while in this particular display will erase all the total number and value of all types of coins counted and stored in memory.

Pressing **MR** key while the scale is in particular coin key mode (example 5¢ mode) will display the total number and value of that particular coins counted and stored in memory (in this example total number of 5¢ counted and stored in memory will be displayed). Pressing **CE** key while in this particular display will erase all the total number and value of this type of coin counted and stored in memory (in this example the number of 5¢).