# Auto Adhesive Dispenser Operation Instructions

## Keypad Button Mapping

|  |  |  |  |
| --- | --- | --- | --- |
| **1 🡪 1** | **2 🡪 2** | **3 🡪 3** | **A 🡪 FN1** |
| **4 🡪 4** | **5 🡪 5** | **6 🡪 6** | **B 🡪 FN2** |
| **7 🡪 7** | **8 🡪 8** | **9 🡪 9** | **C 🡪 FN3** |
| **\* 🡪 Calibrate** | **0 🡪 0** | **# 🡪 Enter** | **D 🡪 Tare Scale** |

Note that the foot pedal is an additional input to the system that is required for running a program

## Operation Screens

### Home Screen

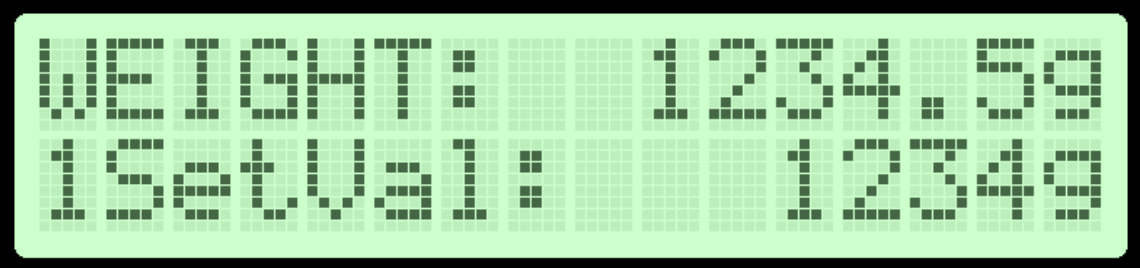


Figure : Example View of Home Screen

#### Valid Commands

Press ‘A’ (FN1) to switch to the Preset Screen with the saved value of Preset A loaded

Press ‘B’ (FN2) to switch to the Preset Screen with the saved value of Preset B loaded

Press ‘C’ (FN3) to switch to the Preset Screen with the saved value of Preset C loaded

Press ‘D’ (Tare) to tare/zero the scale i.e., sets the current WEIGHT = 0

Press ‘\*’ (Calibrate) to prompt the user for the calibration screen password

Press ‘0’ – ‘9’ to enter in a temporary set value for the scale

Note: only 4 digits are allowed and typing more will reset the set value

Press ‘#’ (Enter) to lock in the temporary set value for the scale

Press the Foot Pedal to switch to the Run Screen and start the Adhesive Pump

Pressing any other key will result in error (red LED will flash and no change will occur to system)

### Preset Screen

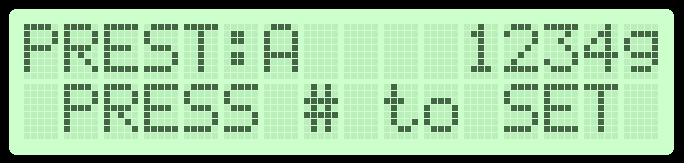


Figure : Example View of Preset Screen

#### Valid Commands

Press ‘A’ (FN1) to switch to the Program Screen with the previous value of Program A loaded\*\*

Press ‘B’ (FN2) to switch to the Program Screen with the previous value of Program B loaded\*\*

Press ‘C’ (FN3) to switch to the Program Screen with the previous value of Program C loaded\*\*

Press ‘#’ (Enter) to load the currently selected preset value

Pressing any other key will result in error (red LED will flash and no change will occur to system)

**\*\*NOTE:** When pressing the function button of the same screen that you are currently on (ex: pressing the A button when you are on the PREST:A screen) you will move to the Program Screen for the button you pressed (ex: from the previous example you would go to the PROGR:A screen). If a different button is pressed, the screen will switch to the corresponding preset letter (ex: pressing A will change to the PREST:A screen, then if you press B the screen will change to the PREST:B screen, **not** the Program screen).

### Program Screen

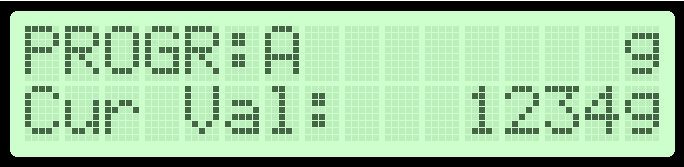


Figure : Example View of Program Screen

#### Valid Commands

Press ‘A’ (FN1) to switch to the Home Screen and cancel the Program\*\*

Press ‘B’ (FN2) to switch to the Home Screen and cancel the Program \*\*

Press ‘C’ (FN3) to switch to the Home Screen and cancel the Program \*\*

Press ‘0’ – ‘9’ to enter in a new preset for the current selected program letter

Note: only 4 digits are allowed and typing more will reset the set value

Press ‘#’ (Enter) to confirm the new preset value

Pressing any other key will result in error (red LED will flash and no change will occur to system)

**\*\*NOTE:** Pressing two different values for the function buttons (ex: pressing A then B) will switch to the programming page for the second value pressed instead of canceling the program mode (ex: pressing A will bring you to the programming screen for A, pressing B after this will bring you to the programming screen for B, not cancel the program).

### Run Screen

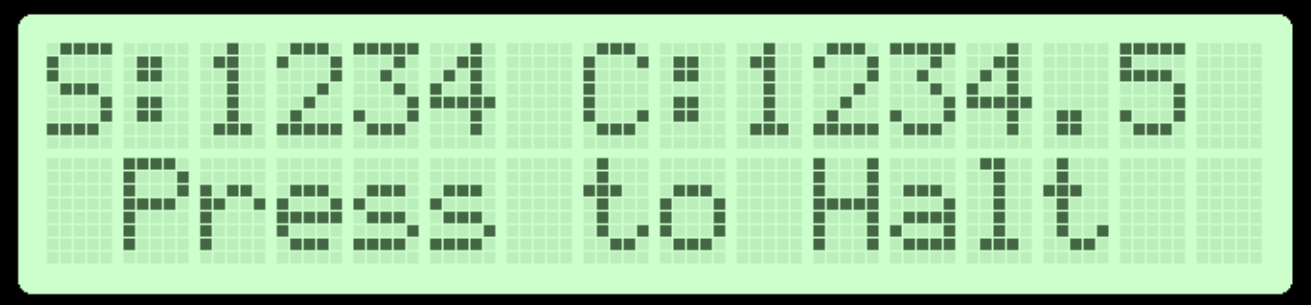
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Figure 4: Example View of Run Screen

#### Valid Commands

Pressing any key will Halt the running program and bring you back to the Home Screen

### Calibration Screen

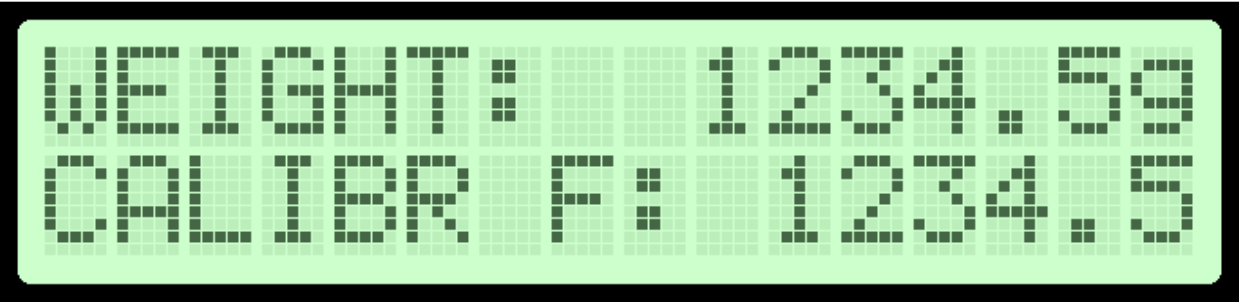


Figure 5: Example View of Calibration Screen

#### Recalibration Instructions

1. From the Home screen, press ‘\*’ to begin
2. When prompted, enter the password to begin calibration
3. Remove all objects from the scale
4. Press ‘D’ to Tare/Zero the scale
5. Add a known mass to the scale
6. Adjust the Calibration Factor using the commands described below
7. When the displayed weight matches the known mass press the “#” (Enter) button to save the calibration factor.
8. Press the ‘\*’ button to exit calibration

#### Valid Commands

The standard keys have been modified to allow for easy adjustment of the calibration factor. Pressing the indicated buttons will add/subtract the given value from the calibration factor.

Press ‘#’ (Enter) to confirm the new calibration factor

Press ‘\*’ (Calibrate) to exit (and not save) the calibration menu

Pressing any other key will result in error (red LED will flash and no change will occur to system)

|  |  |  |  |
| --- | --- | --- | --- |
| **1 🡪 +100** | **2 🡪 +10** | **3 🡪 +1** | **A 🡪 +0.1** |
| **4 🡪 -100** | **5 🡪 -10** | **6 🡪 -1** | **B 🡪 -0.1** |
| **7 🡪 NA** | **8 🡪 NA** | **9 🡪 NA** | **C 🡪 NA** |
| **\* 🡪 Calibrate** | **0 🡪 NA** | **# 🡪 Enter** | **D 🡪 Tare Scale** |