

## **5.0. Operation Guide in Weighing Mode**

### **5.1. Tare Reduction :**

#### **5.1.1. One Touch Tare Operation :**

---

- 1 Display in the weighing mode
- 2 Place 0.5 Lb weight on the platter. (Example : of a .5lb tare)
- 3 Press the [TARE] key to tare the weight on the platter
- 4 Remove the weight from the platter

**Note :** The tare operation is valid up to the 4th digit of the weight column. For Example ; when we attempt to tare a weight of 1.0000 lb, on a 5.0000 lb machine, the error buzzer comes on. So, the maximum permissible tare value is 0.9995 lb. But for a 10.000 lb machine, the maximum permissible tare value (for 100 % FS setting) is 9.998 lb.

#### **5.1.2. Digital Tare Operation :**

---

- 1 Display in the weighing mode.
- 2 Enter [0][.][5][0][0][0] (Example : of a .5lb tare)
- 3 Press the [TARE] key to tare the weight entered by keyboard.

**Note :** The same note as in One Touch Tare applies for Digital Tare as well.

### **5.2. Net/Gross Operation :**

---

- 1 Display in the weighing mode.
- 2 Place 0.5 Lb. weight on the platter.
- 3 Press the [TARE] key to tare the weight on the platter.
- 4 Place an additional 0.5 Lb. on the platter.
- 5 Press the [NET / GROSS] key. 1.0000 lb is the Gross Weight.
- 6 Press the [NET / GROSS] key. 0.5000 lb is the Net Weight.

### **5.3. Unit Weight Operation :**

#### **5.3.1. Unit Weight Operation by Sampling :**

---

- 1 Display in the weighing mode
- 2 Place 10 pcs of the item to be sampled on the platter.
- 3 Press the **[PIECES]** key. Please wait for a few seconds for the computation.
- 4 The *Unit Weight Display* shows the *Unit Weight* of the samples (1.255/1000 pieces) and the *Quantity Display* shows the *Quantity* of the pieces i.e. 10 in this case.

**Note :** When the samples are placed on the platter, if the insufficient lamp is “ON”, then add few more samples until the insufficient lamp is “OFF. Now, before pressing the **[PIECES]** Key, enter the no. of samples using the key board and then press the **[PIECES]** Key. For e.g. : After putting ten pieces of the sample, if the insufficient lamp is “ON”, then add few more samples (say 3) until the insufficient lamp is “OFF”. Now using the key board, enter **[1] [3]** and then press the **[PIECES]** Key to compute the Unit weight of the samples.

#### **5.3.2. Unit Weight Operation by Key Entry :**

---

This following procedure is used if the unit weight is already known.

- 1 Display in the weighing mode
- 2 Enter the known Unit Weight using the keyboard. **[2][.][8][7]**
- 3 Press the **[UNIT WEIGHT]** key to enter the unit weight.
- 4 Place 2 lb weight on the platter. The scale displays the quantity for the weight placed on the platter.

#### **5.4. Accumulation Operation :**

---

This following procedure is used if the unit weight is already known.

- 1 After Unit Weight entry. (See 4.3)
- 2 Press the **[+]** key. The *Total* is displayed in the *Quantity Display*.
- 3 The memory lamp will glow. After a moment the scale will resume operation mode.
- 4 Put 1.0lb on the platter
- 5 Press the **[+]** key. The *Total* is displayed in the *Quantity Display*.
- 6 The memory lamp will glow. After a moment the scale will resume operation mode.
- 7 The previous total of 25 and the present quantity of 15 are added and the *Total Of 40* is displayed in the *Quantity Display*.
- 8 The memory lamp will glow. After a moment the scale will resume operation mode.
- 9 Pressing the **[+]** key makes the total  $15 + 40 = 55$ , displayed in the *Quantity Display*.

#### **5.5. Subtraction/Reduction Operation :**

---

- 1 Display in the weighing mode with memory lamp glowing.  
From previous operation (See 4.4.)
- 2 Press the **[+]** key. The *Total Is Displayed* in the *Quantity Display*.
- 3 **Remove the 2.0 lb. Weight from platter**  
Leave only the 1.0lb weight on the platter.
- 4 Pressing the **[-]** key deducts the quantity of 5 in the *Quantity Display* from the previous Total of 70 to give us a total of 65.
- 5 The memory lamp will glow. After a moment the scale will resume operation mode.
- 6 Press the **[-]** key. The total quantity after subtracting is shown in the *Quantity Display*.  $65 - 5 = 60$
- 7 The memory lamp will glow. After a moment the scale will resume operation mode.

## 5.6. Clearing of Accumulated Data :

---

- 1 From previous operations (See 4.4. & 4.5.)
- 2 Pressing the [\*] key, clears the accumulated total.

## 5.7. Clearing Unit Weight :

---

- 1 Remove weight.
- 2 Pressing the [C] key, clears the unit weight.

## 5.8. Scale 1\_ 2 Operation :

---

To change between Scale 1 (Built-in) and Scale 2 (Remote), please make sure that bit 1 of Spec 25 in Weight and Measures specification is set to 1. Switch off the scale and turn it on again after setting this spec. Or else you might notice a shift in the zero point, when changing between scales. The scale change operation cannot be performed if there is any *[Numeric] Key* entry.

Display in the weighing mode

Pressing [SCALE] key changes from Scale 1 to Scale 2.

Pressing the [SCALE] key again changes back to Scale 1

**Note :-** The unit weight computed on Scale 1 can be transferred to Scale 2 and vice versa.

|                                                                                                                                                                          |                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>5.9. Recall Item From Memory:</b>                                                                                                                                     |                                                                                                                                                                                                                                                                                            |
| <b>Version 1.13 and above ID CODE (30 ITEM MEMORY)</b>                                                                                                                   |                                                                                                                                                                                                                                                                                            |
| <b>OPERATION EXAMPLE : Recall Item From Memory:</b>                                                                                                                      |                                                                                                                                                                                                                                                                                            |
| <b>Task</b>                                                                                                                                                              | <b>Procedure</b>                                                                                                                                                                                                                                                                           |
| 1. Select Scale And Reset Zero Point                                                                                                                                     | Press [SCALE 1 , 2 ] Key And Press [REZERO] Key.                                                                                                                                                                                                                                           |
| 2. Enter ID Code                                                                                                                                                         | Type ID Code (Up To Four Digits) Example [1] [2] [3] [4], Then Press[CODE] Key.                                                                                                                                                                                                            |
| 3a. Enter Tare Value (One Touch Tare)                                                                                                                                    | Place Empty Container On Platter And Press [TARE] Key.                                                                                                                                                                                                                                     |
| 3b. Enter Tare Value (Digital Tare)                                                                                                                                      | Place Full Container On Platter And Keyboard Enter The Known Tare Weight. (Example Press: [0] [•] [2] [5] [5], Then Press [TARE] Key.                                                                                                                                                      |
| 4. Accumulate Quantity                                                                                                                                                   | With The First Quantity On Scale, Press [+] Key. Remove Them And Press [C] Key. The Display Returns To Weighing Mode . Place The Second Quantity On Scale And Count Them. Repeat The Procedure Until All Parts Have Been Counted. If A Mistake Is Made During Accumulation, Press [-] Key. |
| 5. End Accumulation                                                                                                                                                      | Press [*] Key.                                                                                                                                                                                                                                                                             |
| <b>✂ Note: If no Unit Weight has been programmed into the memory, it will be necessary to enter a Unit Weight using one of the following steps:</b>                      |                                                                                                                                                                                                                                                                                            |
| <b>a</b> <del>↵</del> Compute Unit Weight                                                                                                                                | Place 10 Pieces On Scale, Press [PIECES] key.                                                                                                                                                                                                                                              |
| <b><i>When sample size is insufficient the number of pieces to be added appears in display</i></b>                                                                       |                                                                                                                                                                                                                                                                                            |
| <b><i>This procedure may be skipped by pressing [pieces] key without adding additional pieces, however it may affect accuracy to use an insufficient sample size</i></b> |                                                                                                                                                                                                                                                                                            |
| <b><i>The accuracy of the computation can be improved by increasing the sample size</i></b>                                                                              |                                                                                                                                                                                                                                                                                            |
| <b>b</b> <del>↵</del> Recompute Unit Weight                                                                                                                              | Add Additional Pieces, Press[PIECES] Key.                                                                                                                                                                                                                                                  |
| or                                                                                                                                                                       |                                                                                                                                                                                                                                                                                            |
| <b>c</b> <del>↵</del> Enter Unit Weight                                                                                                                                  | Press [1] [•] [7] [2] [6] [6], Press [UNIT WEIGHT] key.                                                                                                                                                                                                                                    |
|                                                                                                                                                                          |                                                                                                                                                                                                                                                                                            |