

# USER MANUAL



**DI-300SS**

EDITION 02

## Table of Content

<b>Notice .....</b>	<b>1</b>
<b>Safety Information .....</b>	<b>2</b>
<b>Specifications.....</b>	<b>3</b>
General.....	3
Digital Section.....	3
Analog Section.....	3
Interface.....	3
<b>Overall View of DI-300SS .....</b>	<b>5</b>
<b>Product Layout .....</b>	<b>6</b>
Display Panel and Key Sheet Layout.....	6
Indicators.....	6
Keys Function .....	7
Interface.....	9
Interface.....	9
<b>Start Up And Segment Check.....</b>	<b>10</b>
<b>Date And Time View &amp; Setting.....</b>	<b>11</b>
<b>Tare Operation .....</b>	<b>14</b>
ONE TOUCH TARE.....	14
DIGITAL TARE .....	16
<b>Tare Value Exchange .....</b>	<b>17</b>
TARE ACCUMULATION.....	17
TARE SUBTRACTION.....	19
<b>Weighing Mode .....</b>	<b>21</b>
<b>PLU Call -Up In Weighing Mode .....</b>	<b>22</b>

---

<b>PLU Programming .....</b>	<b>24</b>
<b>General Set Point Password Setting .....</b>	<b>30</b>
<b>Functions Operation.....</b>	<b>32</b>
Example of Function and Indicator Layout.....	32
Weight Conversion.....	33
Accumulation and Subtraction .....	35
1. Accumulation .....	35
2. Subtraction.....	40
Sequence Number .....	44
Net/Gross .....	46
Lot Number .....	47
Hold.....	49
1. Peak Hold .....	49
2. Normal Hold.....	50
Counting and Quantity .....	52
Set-Point .....	55
1. Set-Point Setting .....	55
2. Weighing Operation with Set Point.....	59
<b>IP Address Setting .....</b>	<b>61</b>
<b>Server IP Address Setting .....</b>	<b>63</b>
<b>Error Messages Description .....</b>	<b>65</b>
<b>Notes.....</b>	<b>67</b>

## Notice

### **DIGI®**

The material contained in this document is proprietary and for information only and is subject to change without notice. Teraoka Weigh-System assumes no responsibility for any errors or damages arising from misinterpretation of any procedure.

Screen displays, operating procedures and supporting features might vary with different software version releases.

This document shall not be reproduced whether in part or whole without the written consent from Teraoka Weigh-System Pte Ltd.

**Teraoka Weigh-System Pte Ltd**  
**4, Leng Kee Road**  
**#06-01 SIS Building**  
**Singapore 159088**

## Safety Information

The operator of the equipment shall comply with the safety and warning indications and procedures outlined in this document. Teraoka Weigh-System Pte Ltd assumes no responsibility or liability for failure to comply with these requirements.

- To avoid electric shock, use only the supplied power cords and ensure product is connected to a properly grounded supply.
- For continued protection against fire hazard replace only with fuse of same rating and type.
- Ensure product is placed on a firm and level surface before operation.
- Avoid overloading the product beyond its rated maximum capacity
- Repair and servicing of product shall only be carried out by trained and qualified personnel.

### Disclaimer:

Specifications are subject to change without notice. All dimensions shown are approximate. Please be aware that Teraoka has indicated that its hardware and software used in the product may require additional updates in the future as our product is continually under development. The need for such updates most likely applies to the Printer software.

### CAUTIONS:

1. **FOR PLUGGABLE EQUIPMENT, THAT THE SOCKET-OUTLET SHALL BE INSTALLED NEAR THE EQUIPMENT AND SHALL BE EASILY ACCESSIBLE.**
2. **FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE IT ONLY WITH SAME TYPE AND RATING OF FUSE.**
3. **DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE THAT RECOMMENDED. DISPOSE OF USED BATTERY ACCORDINGS TO THE MANUFACTURER'S INSTRUCTIONS.**

## Specifications

### General

<b>Model</b>	: DI-300 SS : DI-300C-SS (Bar-graph) : DI-300D-SS (Bar-graph and LCD display)
<b>Power Source</b>	: AC 110V - 240V (50 / 60 Hz)
<b>Operation Temperature</b>	: - 10°C – 40°C
<b>Humidity</b>	: 15 % to 85 % RH
<b>Memory</b>	: 100 Items

### Digital Section

<b>Function Key</b>	: 24 Keys
<b>Indicator Sign</b>	: 8 Indicators
<b>Display Resolution</b>	: 50,000 counts
<b>Main Display</b>	: 7 Segment 6 digit LED at 24.5mm
<b>Analog Color bar</b>	: 8 X 3 Color = 24 LED ( <b>DI-300C-SS only</b> )
<b>LCD Display</b>	: Alphanumeric 16 Digits ( <b>DI-300D-SS only</b> )

### Analog Section

<b>Zero adjustment range</b>	: 0.35mV – 24mV
<b>Max Load Cell input voltage</b>	: 36mV
<b>A/D Conversion Method</b>	: Delta Sigma
<b>A/D Resolution</b>	: 600,000 counts
<b>A/D Conversion Rate</b>	: 200 times/sec (maximum)

### Interface

<b>Interface</b>	: AC Inlet : Set Point Interface : RS 232/RS 485 Interface : Ethernet Interface
------------------	--

: Scale (load cell) Interface

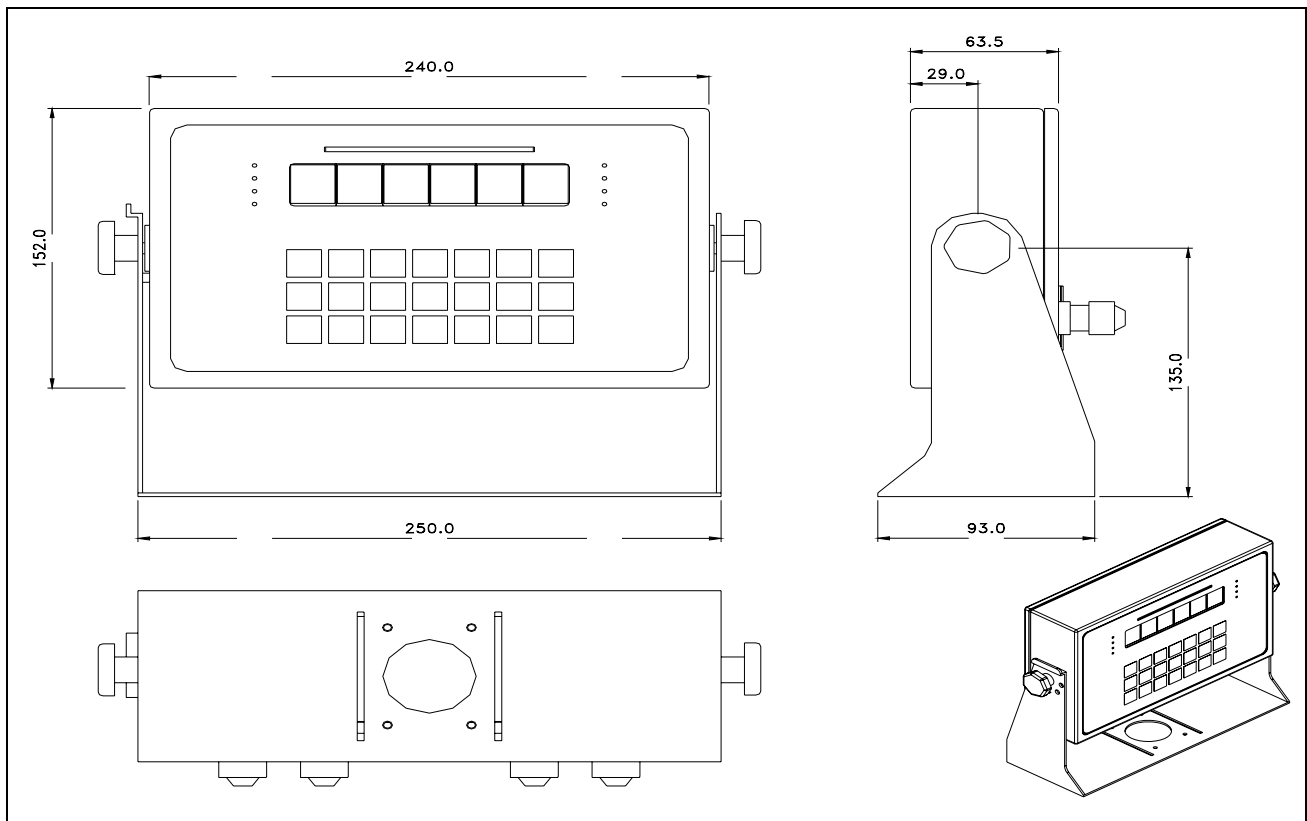
\*Specifications are subject to change without notice

## Overall View of DI-300SS

DI-300SS



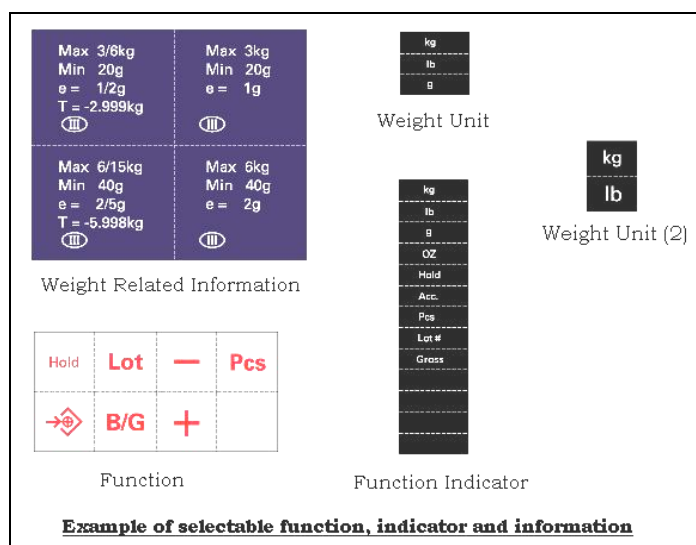
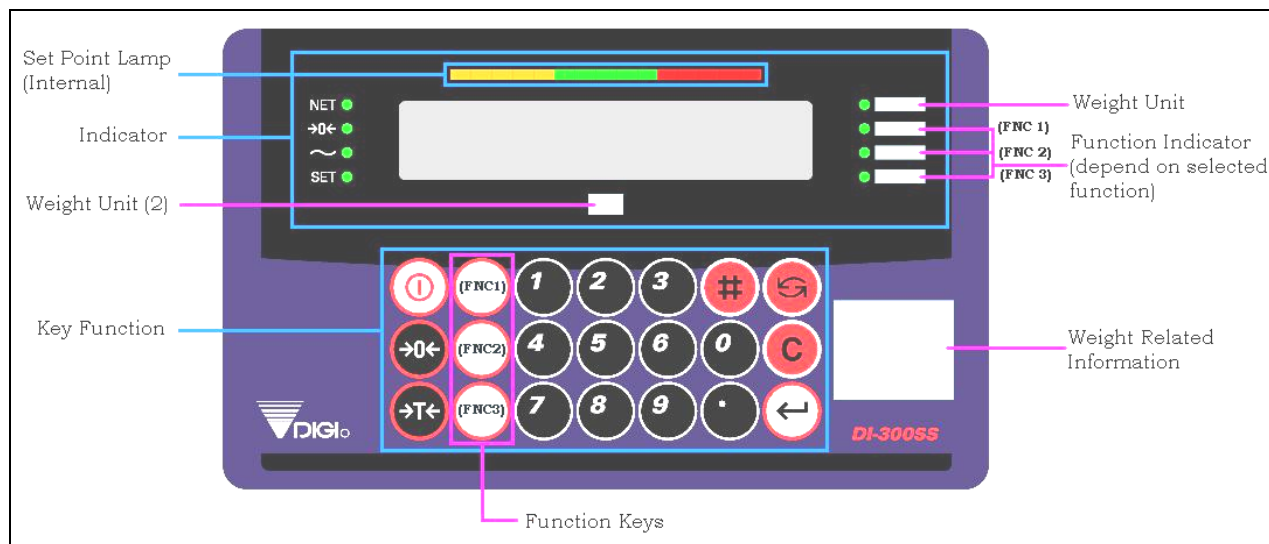
DI-300SS Schematic Drawing





## Product Layout

### Display Panel and Key Sheet Layout



## Indicators

- NET** : Light when Main Display is showing NET Weight or Tare Value is being applied to the current Gross Weight reading.
- ZERO** : Light when Scale at the zero point.
- MOTION** : Light when weight is unstable. Or off when the scale is stable.
- SET** : Light when the scale is in Set Up Mode, when doing rezero or when

	entering numeric data.
<b>Weight Unit</b>	: Weight unit indicator. (g, kg and Lb)
<b>FNC 1, 2 &amp; 3</b>	: Light when using the assigned function in function keys, except some function which do not light when using the function key.
<b>Set Point Lamp</b>	: Lighted when weight reach set point limit.
<b>Weight Unit (2)</b>	: Weight unit indicator, used when Weight Conversion function is enabled

## Keys Function

### NUMERIC KEYS



: Enter numeric data.

### MODE KEY



: Toggle in Programming Mode, Password Mode, Date and Time Mode and Weighing Mode.

### RE-ZERO KEY



: Reset weight to ZERO.

### CLEAR KEY



: Clear numeric data, cancel and go to previous.

### TARE KEY



: Set or Clear Tare value.

### CODE KEY



: Call up PLU.

### DOT KEY



: To enter Decimal point.

### ENTER KEY



:  
 - Sending weighing data  
 - Save and exit in PLU programming, Spec mode, IP setting, Subnet setting.  
 - Password entering.

---

**SET POINT SETTING KEY**

---



- :
- Set point setting.
  - Decrease Spec number for selection.

---

**FUNCTION 1 KEY**

---



- :
- To run function assigned for function 1 key (depend on spec 44)
  - Enter key in Date and Time setting.
  - Up and down in Spec selection

---

**FUNCTION 2 KEY**

---



- :
- To run function assigned for function 2 key (depend on spec 45)
  - Up and Down in Spec selection.

---

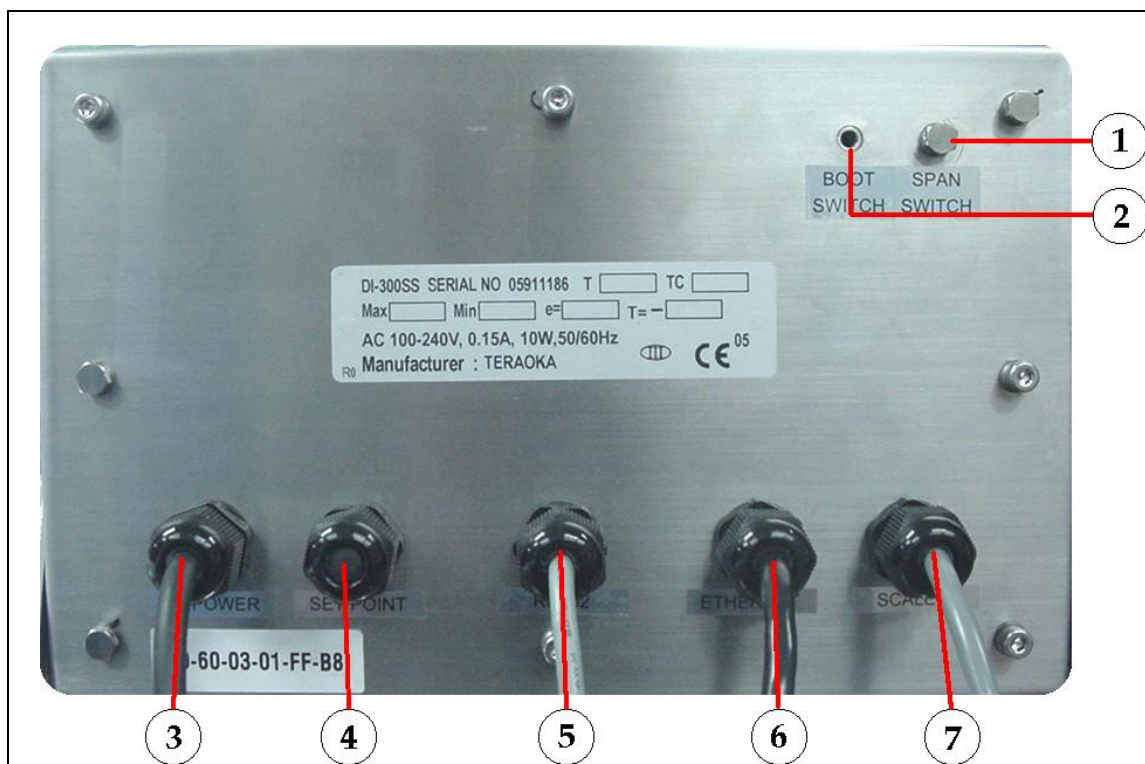
**FUNCTION 3 KEY**

---



- :
- To run function assigned for function 3 key (depend on spec 46)
  - Increase Spec number for selection.
-

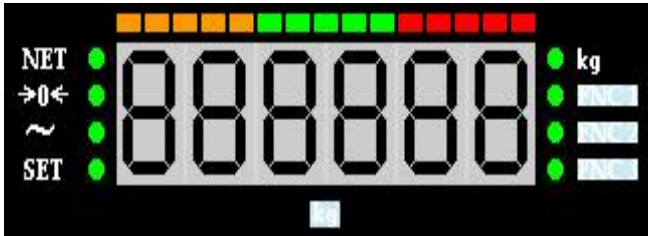
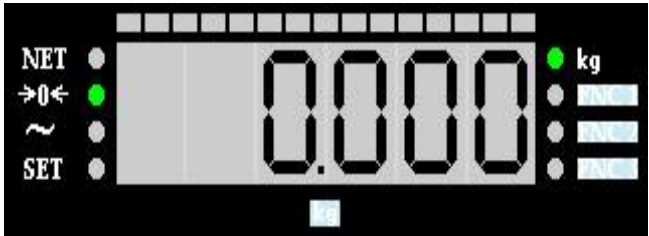
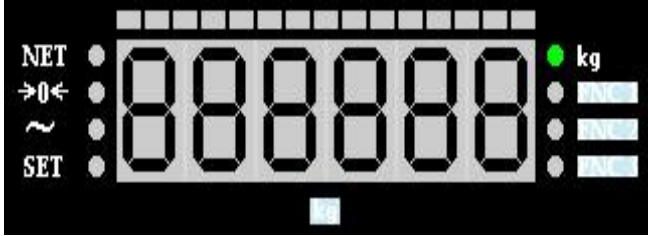
## Interface



### Interface

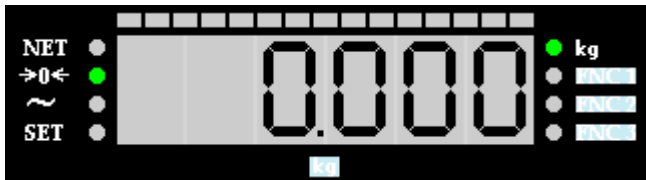

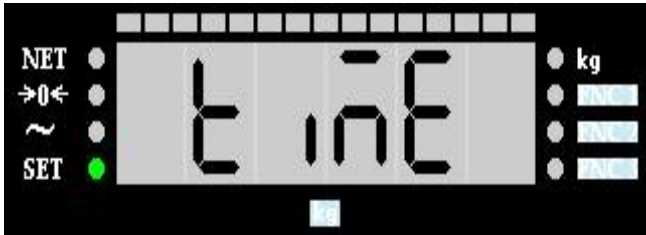
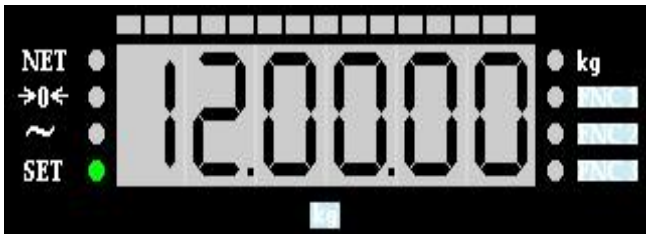
1	Span Switch
2	Boot Switch
3	AC Power Inlet
4	Set Point Interface
5	RS 232/ RS 485 Interface (optional)
6	Ethernet Interface
7	Scale (Load cell) Interface


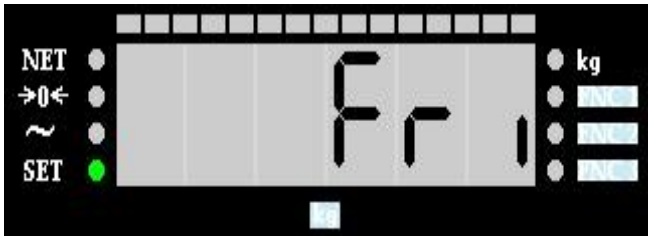
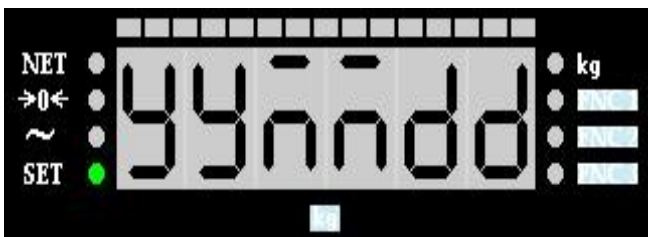

## Start Up And Segment Check

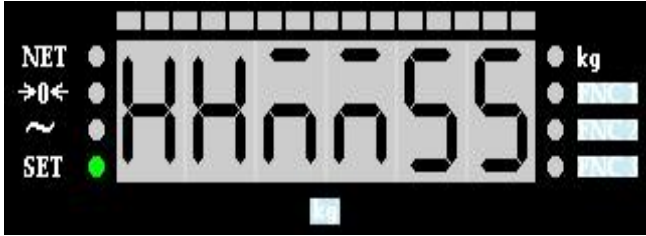


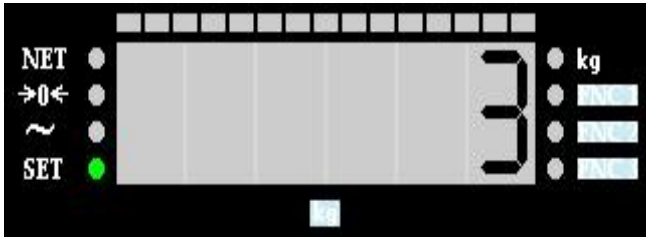
OPERATION	DISPLAY
<p>1. Connect to AC plug supply and remove any item on platforms and then turn "ON" the power switch.</p> <p><b>Note:</b> The Software Version Number will appear on the display.</p>	
<p>2. After finish segment check, Scale on Stand - By - Status. (Picture 1)</p> <p><b>Note 1:</b> If any items on the Platforms and it exceeds scale start range, following error message will appear, press <b>[CLEAR]</b> key to exit or remove the item from platforms. Also happen if platform not connected (Picture 2)</p>	<p>Picture. 1</p>  <p>Picture 2</p> 

## Date And Time View & Setting

Date and time is user programmable.

OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode)	
2. Press [MODE] key three times to go to Date & Time view/setting mode	<p><b>Note:</b> First it display Screen 1, then automatically change to Screen 2 and then automatically change to screen 3</p> <p><b>Note:</b> Time displayed on scale screen 3 e.g. 12:00pm (as current time)</p> <div>  <p>Screen 1</p>  <p>Screen 2</p>  <p>Screen 3</p> </div>

OPERATION	DISPLAY
<p>3. Press <b>[FNC 1]</b> key to view Current Date on scale e.g. 02.01.25 (yymmdd)</p>	
<p>4. Press <b>[FNC 1]</b> key again, it display Current Day on scale. e.g. Friday</p>	
<p>5. Press <b>[FNC 1]</b> key again, it display Date Format</p>	
<p>6. Enter a valid date by using <b>[NUMERIC]</b> key e.g. 050616 (yymmdd)</p>	

OPERATION	DISPLAY																
<p>7. Press <b>[FNC 1]</b> key again, it display Time Format</p>	 <p>The display shows 'HHmmSS' in a large digital font. To the left of the display are four indicator lights labeled 'NET', '→0←', '~', and 'SET', with the 'SET' light being green. To the right of the display is a 'kg' unit indicator and three horizontal bars. Above the display is a row of ten small squares, and below it is a small square.</p>																
<p>8. Enter a valid time by using <b>[NUMERIC]</b> key e.g. 142500 (hhmmss)</p>	 <p>The display shows '142500' in a large digital font. The indicators and layout are the same as in the previous step.</p>																
<p>9. Press <b>[FNC 1]</b> key</p>	 <p>The display shows '4th DAY' in a large digital font. The indicators and layout are the same as in the previous steps.</p>																
<p>10. Enter a valid day by using <b>[NUMERIC]</b> key. E.g. 3, then press <b>[ENTER]</b> key to save and exit.</p> <table border="1" data-bbox="300 1653 574 1937"> <thead> <tr> <th>No.</th><th>Days</th></tr> </thead> <tbody> <tr> <td>0</td><td>Monday</td></tr> <tr> <td>1</td><td>Tuesday</td></tr> <tr> <td>2</td><td>Wednesday</td></tr> <tr> <td>3</td><td>Thursday</td></tr> <tr> <td>4</td><td>Friday</td></tr> <tr> <td>5</td><td>Saturday</td></tr> <tr> <td>6</td><td>Sunday</td></tr> </tbody> </table>	No.	Days	0	Monday	1	Tuesday	2	Wednesday	3	Thursday	4	Friday	5	Saturday	6	Sunday	 <p>The display shows '3' in a large digital font. The indicators and layout are the same as in the previous steps.</p>
No.	Days																
0	Monday																
1	Tuesday																
2	Wednesday																
3	Thursday																
4	Friday																
5	Saturday																
6	Sunday																



## Tare Operation

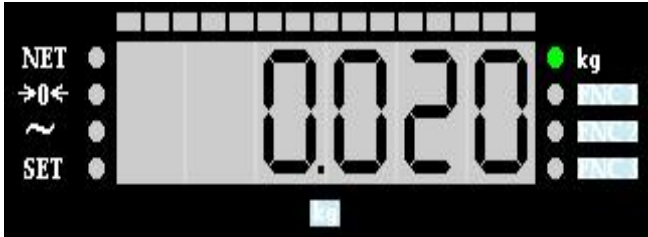
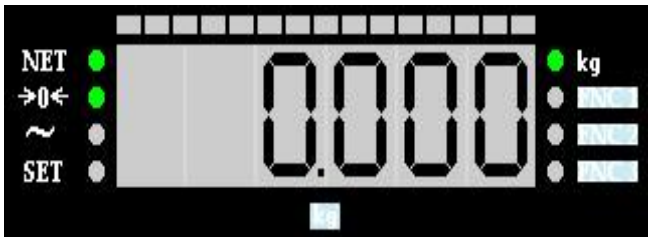

There are two ways to set Tare Weight, **One Touch Tare** and **Digital Tare**. Usage of Tare depending on **SPEC 215 “Tare Operation”** and the limit of Tare Weight is depending on **SPEC 214 “Tare Range”** setting. The following operation examples show two ways of subtracting the Tare Weight of a 20g tray.

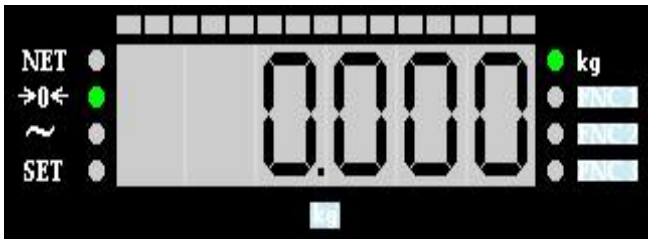
**Note:** To enable this function, set **SPEC 215** to “1” or “3” in advance.

**Note:** **SPEC 202 “Zero Lamp”** is set to 1 “Net” (Zero Lamp display depend on this spec)

### ONE TOUCH TARE

This function is to weight the actual weight of the tare then subtract its weight to get the tare value.

OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode) Put a Weight on to the Platform e.g. 20g	
2. Press [TARE] key	
3. Remove Weight	

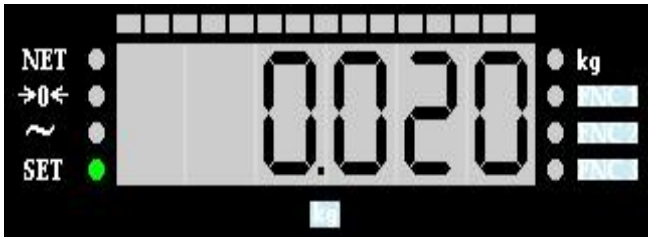
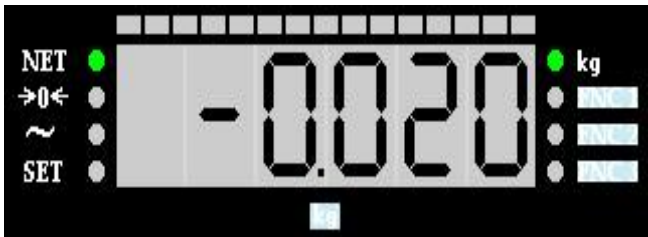
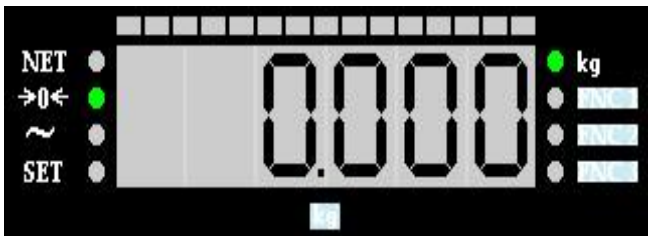
OPERATION	DISPLAY
<p>4. Press [TARE] key to clear the tare weight.</p>	

## DIGITAL TARE

This function can be used when tare weight is decided/known in advance. Tare subtraction can be performed by enter numeric value. Usage of Tare depending on **SPEC 215 “Tare Operation”** and Digital Tare Rounding method is depending on **SPEC 217 “Digital Tare Rounding”** setting.

**Note:** To enable this function, set **SPEC 215** to “2” or “3” in advance.

**Note:** **SPEC 202 “Zero Lamp”** is set to 1 “Net” (Zero Lamp display depend on this spec)

OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode), enter the tare weight by [NUMERIC] key (e.g. 20g)	
2. Press [TARE] key to subtract the tare weight.	
3. Press [TARE] key to clear the tare weight.	

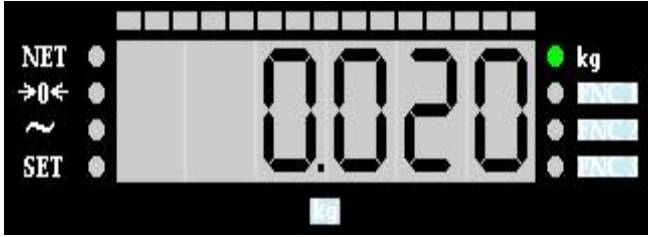
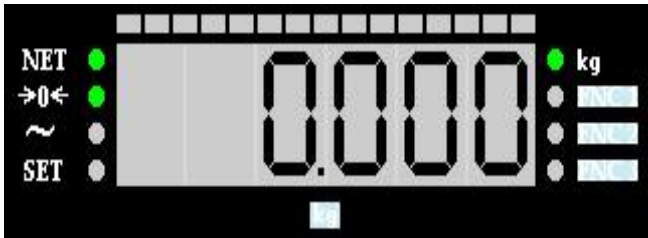

## Tare Value Exchange

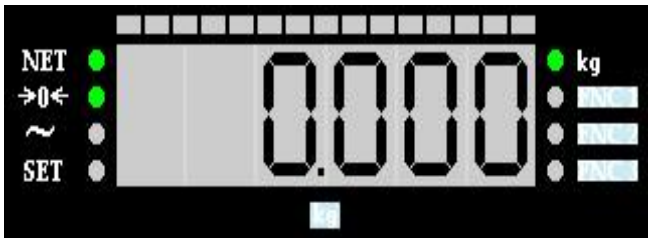
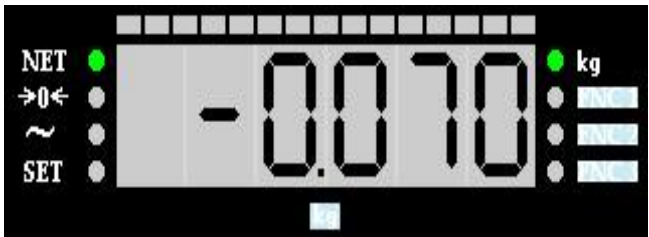
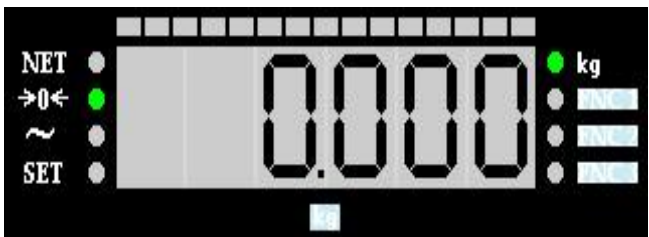
There are two ways to do tare value exchange, **Tare Accumulation** and **Tare Subtraction**. One Touch Tare and Digital Tare can be used to do Tare Accumulation or Tare Subtraction.

**Note:** To use both One Touch Tare and Digital Tare function at same time must enable **SPEC 218 “Digital Tare When Loaded”**

### TARE ACCUMULATION

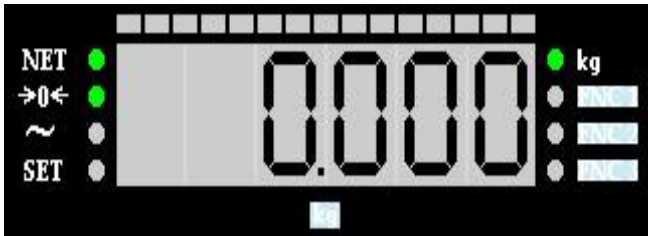
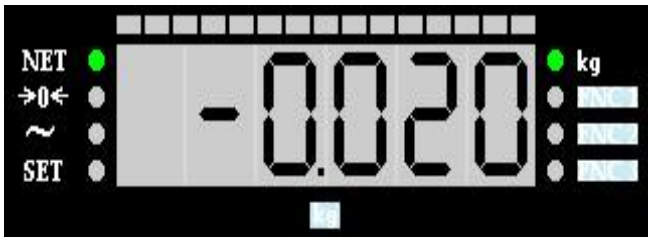
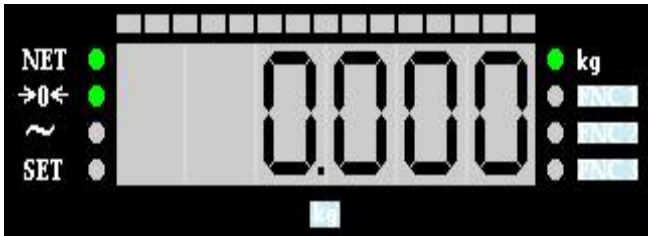
To enable this function, **SPEC 216 “Tare Exchange”** and **SPEC 219 “Tare Increase”**, must be set to 1 “Yes” in advance.

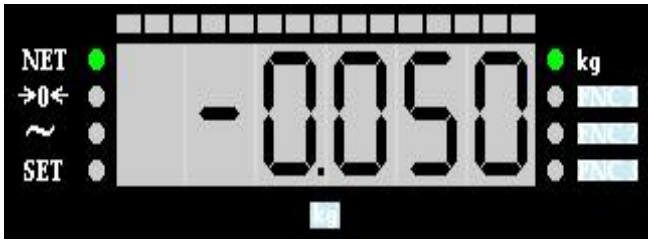
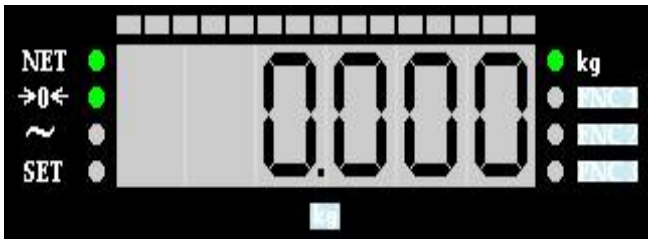
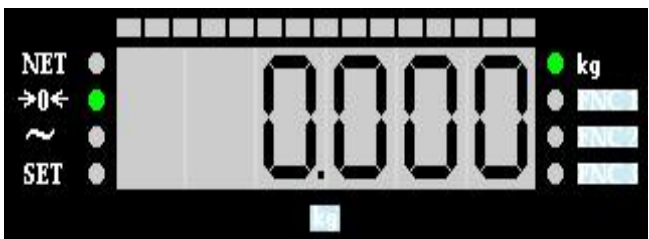
OPERATION	DISPLAY
<p>1. Stand-by-Status (Weighing Mode) Put a Weight on to the Platform e.g. 20g</p> <p><b>Note:</b> Also can use digital tare.</p>	
<p>2. Press [TARE] key to subtract the tare weight</p>	
<p>3. Place another tare weight on the platform (Ex. 50g).</p> <p><b>Note:</b> Also can use digital tare. <b>Note:</b> For Digital Tare, the next tare accumulation value should not be lower than the previous tare value.</p>	

OPERATION	DISPLAY
4. Press tare to subtract the weight.	 The image shows a digital scale display with a black background and white text. At the top, there is a row of 10 small squares. Below this, on the left, are four labels: 'NET', '→0←', '~', and 'SET', each followed by a green dot. On the right, there is a green dot followed by 'kg'. In the center, the display shows '0.0000'. To the right of the display, there are three horizontal bars, each with a label: 'TARE', 'TARE', and 'TARE'. Below the display, there is a small square button.
5. Remove (whole) Weight	 The image shows a digital scale display with a black background and white text. At the top, there is a row of 10 small squares. Below this, on the left, are four labels: 'NET', '→0←', '~', and 'SET', each followed by a green dot. On the right, there is a green dot followed by 'kg'. In the center, the display shows '-0.070'. To the right of the display, there are three horizontal bars, each with a label: 'TARE', 'TARE', and 'TARE'. Below the display, there is a small square button.
6. Press [TARE] key to clear the tare weight.	 The image shows a digital scale display with a black background and white text. At the top, there is a row of 10 small squares. Below this, on the left, are four labels: 'NET', '→0←', '~', and 'SET', each followed by a green dot. On the right, there is a green dot followed by 'kg'. In the center, the display shows '0.0000'. To the right of the display, there are three horizontal bars, each with a label: 'TARE', 'TARE', and 'TARE'. Below the display, there is a small square button.

## TARE SUBTRACTION

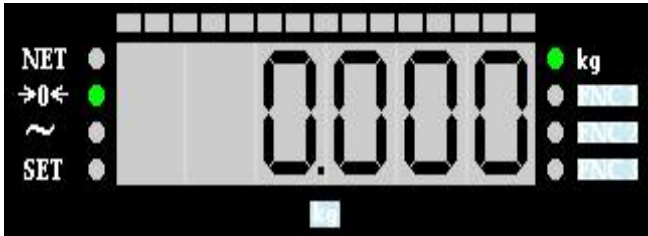
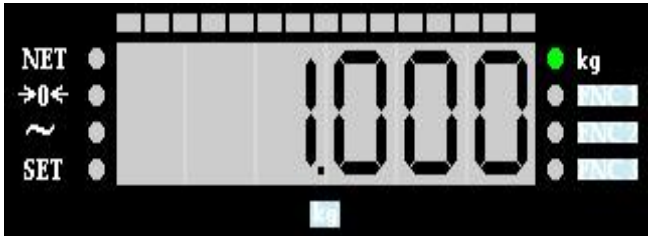
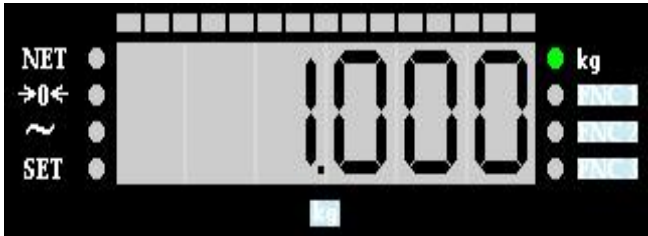
To enable this function, **SPEC 216 “Tare Exchange”** and **SPEC 220 “Tare Decrease”**, must be set to 1 “Yes” in advance.

OPERATION	DISPLAY
<p>1. Stand-by-Status (Weighing Mode) Put a Weight on to the Platform e.g. 100g and Press <b>[TARE]</b> key to subtract the tare weight</p> <p><b>Note:</b> Also can use digital tare.</p>	
<p>2. Remove 20g from the platform</p> <p><b>Note:</b> For Digital Tare, subtracted tare value should not be bigger than the total tare value.</p>	
<p>3. Press <b>[TARE]</b> to subtract the weight.</p>	

OPERATION	DISPLAY
<p>4. Remove 50g from the platform</p> <p><b>Note:</b> For Digital Tare, subtracted tare value should not be bigger than the total tare value.</p>	 <p>The display shows a negative tare value of -0.050 kg. The unit 'kg' is indicated on the right. The display has a green dot next to 'NET' and a green 'kg' unit indicator. The tare value is shown as -0.050.</p>
<p>5. Press [TARE] key to subtract the weight.</p>	 <p>The display shows 0.000 kg after pressing the TARE key. The unit 'kg' is indicated on the right. The display has a green dot next to 'NET' and a green 'kg' unit indicator. The weight is shown as 0.000.</p>
<p>6. Remove balance weight and press [TARE] key to clear the tare weight.</p>	 <p>The display shows 0.000 kg after pressing the TARE key to clear the tare weight. The unit 'kg' is indicated on the right. The display has a green dot next to 'NET' and a green 'kg' unit indicator. The weight is shown as 0.000.</p>

## Weighing Mode

It works by weighing any weight/item on the platform and the display will show the weighing data. It is **not** required to program any plu in advance.

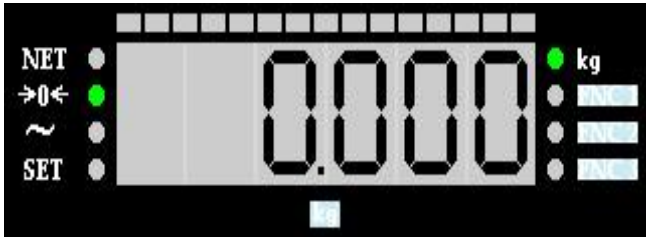
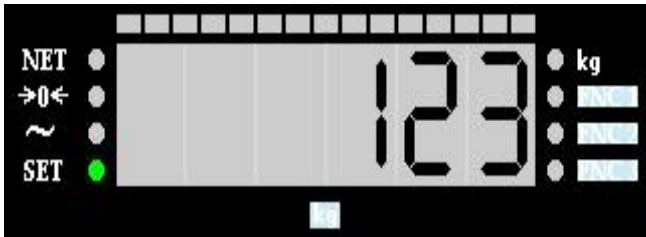
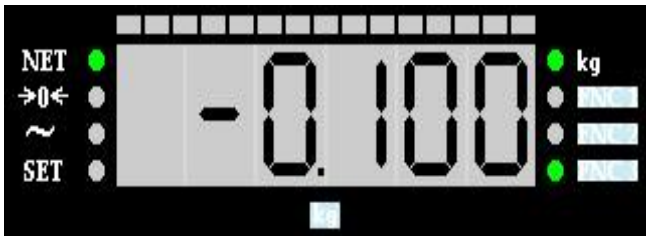
OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode)	
2. Put a Weight on to the Platform e.g. 1Kg	
3. Press <b>[ENTER]</b> key to send out the weighing data.  <b>Note:</b> <b>[ENTER]</b> key used to send data to ID Manager, PC or etc. <b>Note:</b> When connect to some application, it might show other screen before this screen, For e.g. <b>ID MANAGER</b> , when press <b>[ENTER]</b> key, it display <b>SENT</b> first, then show the value screen and later show <b>ACK</b> (acknowledged)	





## PLU Call-Up In Weighing Mode

To call up PLU in weighing mode, the plu must be programmed in advance. PLU can be called up from application like **ID MANAGER** or database within the scale. The selection of plu source depends on the **SPEC 51 'PLU Source'**. Please refer to [PLU Programming](#) to program plu data.



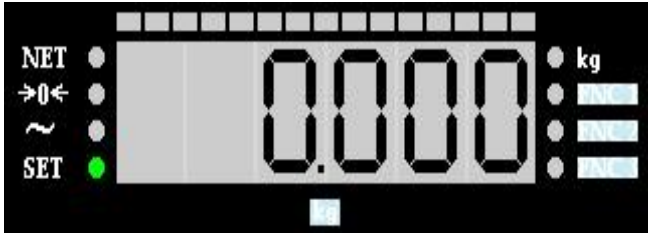
**Note:** SPEC 402 "Weight Checking type" currently set to 0 "Sequence weight check".

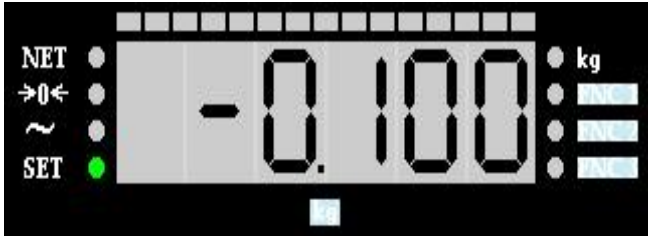

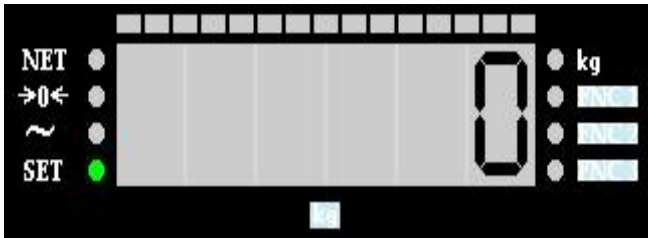
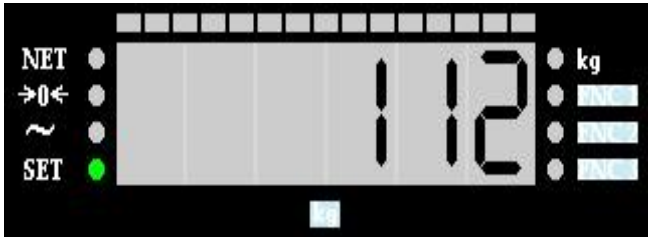
OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode)	 <p>The display shows a digital scale interface. On the left, there are four indicator lights labeled NET, →0←, ~, and SET. The NET light is illuminated. The main display shows '0.0000' with a decimal point. To the right of the display, the unit 'kg' is shown, and there are three horizontal bars representing a full-scale indicator.</p>
2. Press PLU number to call plu by using [NUMERIC] key e.g. 123	 <p>The display shows the same interface as before, but the main display now shows '123'. The unit 'kg' remains on the right. The indicator lights remain the same.</p>
3. Press [CODE] key to call up the plu	 <p>The display shows the same interface, but the main display now shows '-0.1000'. The unit 'kg' remains on the right. The indicator lights remain the same.</p>

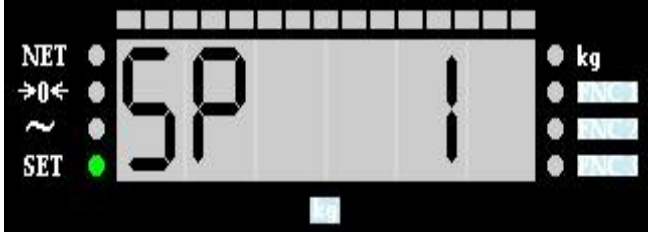
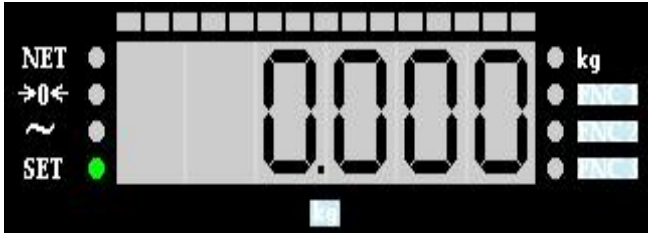

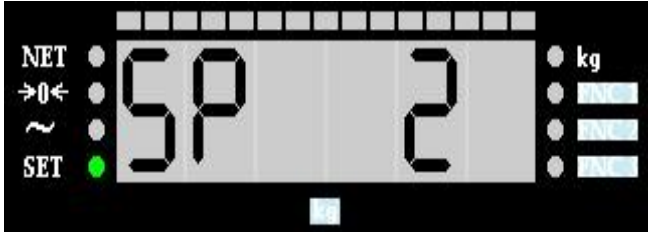
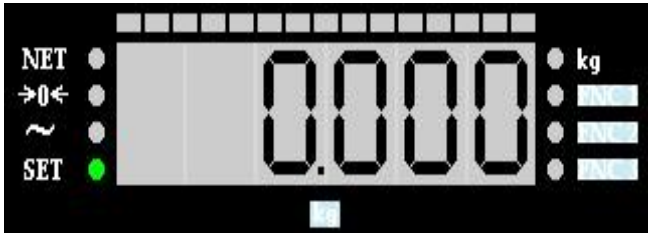
OPERATION	DISPLAY
4. Load desired weight e.g. 2kg	 The display shows a digital scale reading of 1900.0g. Above the display is a row of 10 colored LEDs (orange, green, red, grey). To the left of the display are four buttons: NET (green LED), →0← (grey LED), ~ (grey LED), and SET (grey LED). To the right of the display are three buttons: kg (green LED), TARE (grey LED), and MODE (grey LED). The unit 'kg' is displayed on the right side of the screen.
5. Press <b>[ENTER]</b> key to send out the weighing data.  <b>Note:</b> <b>[ENTER]</b> key used to send data to ID Manager, PC or etc. <b>Note:</b> When connect to some application, it might show other screen before this screen, For e.g. <b>ID MANAGER</b> , when press <b>[ENTER]</b> key, it display <b>SENT</b> first, then show the value screen and later show <b>ACK</b> (acknowledged)	 The display shows a digital scale reading of 1900.0g. Above the display is a row of 10 colored LEDs (orange, green, red, grey). To the left of the display are four buttons: NET (green LED), →0← (grey LED), ~ (grey LED), and SET (grey LED). To the right of the display are three buttons: kg (green LED), TARE (grey LED), and MODE (grey LED). The unit 'kg' is displayed on the right side of the screen.

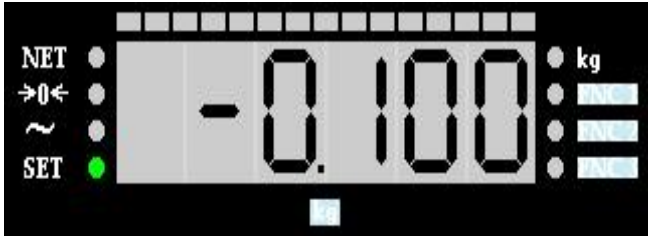
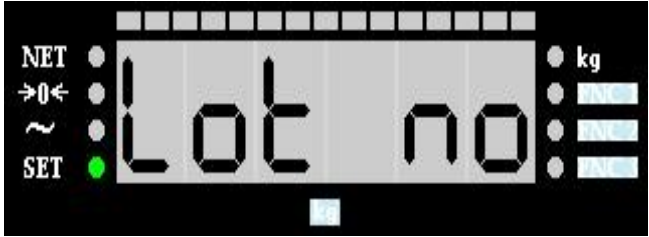
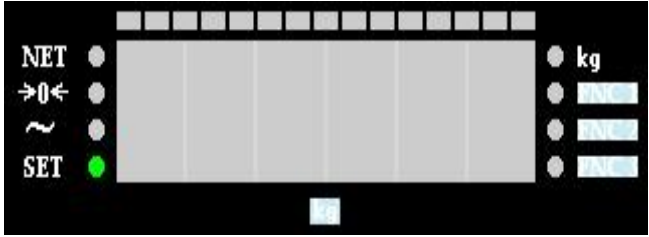

## PLU Programming

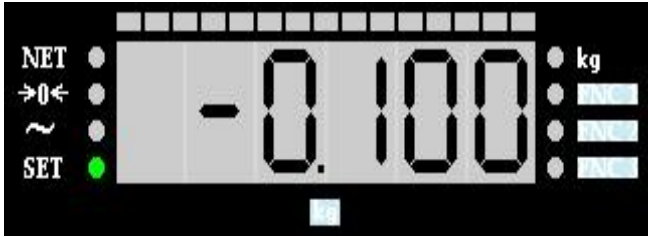
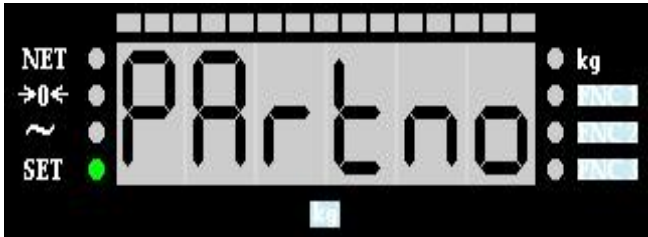
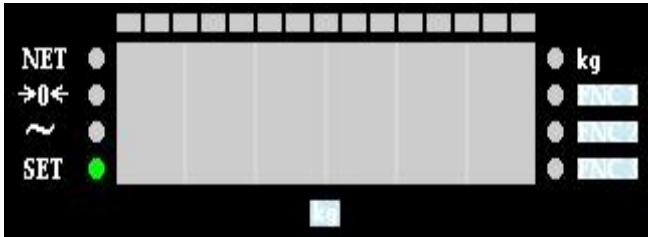
To program plu data within the scale database.

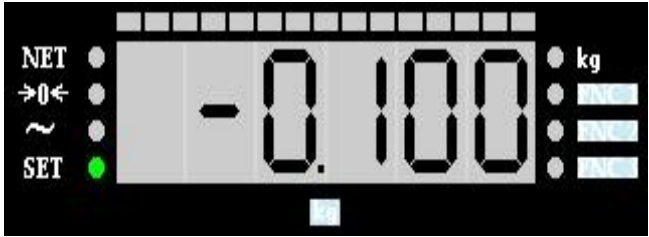

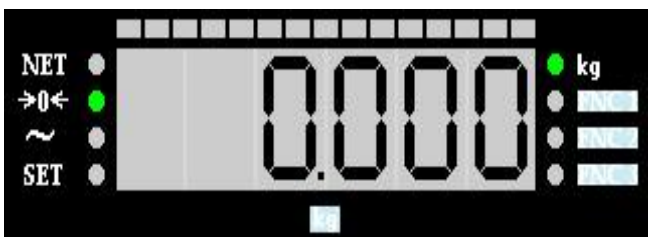
OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode), Press <b>[MODE]</b> key once to enter PLU Programming mode.	 The scale display shows 'PLU Pr' in large digits. To the left of the display are four indicator lights labeled NET, →0←, ~, and SET, with the SET light being green. To the right of the display is a unit indicator 'kg' and three function keys labeled INC, DEC, and TARE.
2. Enter new PLU number e.g. 123 by pressing <b>[NUMERIC]</b> key	 The scale display shows the number '123' in large digits. The indicator lights and function keys remain the same as in the previous step.
3. Press <b>[CODE]</b> key	 The scale display shows '0000' in large digits. The indicator lights and function keys remain the same as in the previous steps.

OPERATION	DISPLAY
<p>4. Enter Tare value ex. 0.100, and press [TARE] key</p>	 <p>The display shows a tare value of -0.1000 kg. The unit 'kg' is on the right. On the left, there are indicators for NET, →0←, ~, and SET (with a green dot). On the right, there are three function keys labeled FNC1, FNC2, and FNC3.</p>
<p>5. Press [FNC 1] key to set set-point value</p> <p><b>Note:</b> Screen non-stop switching between screen 1 and 2</p>	<div data-bbox="826 712 1476 947">  <p>Screen 1: The display shows 'P4d'. The unit 'kg' is on the right. On the left, there are indicators for NET, →0←, ~, and SET (with a green dot). On the right, there are three function keys labeled FNC1, FNC2, and FNC3.</p> </div> <p style="text-align: center;">Screen 1</p> <div data-bbox="826 1016 1476 1252">  <p>Screen 2: The display shows '0'. The unit 'kg' is on the right. On the left, there are indicators for NET, →0←, ~, and SET (with a green dot). On the right, there are three function keys labeled FNC1, FNC2, and FNC3.</p> </div> <p style="text-align: center;">Screen 2</p>
<p>6. Enter correct password by using [NUMERIC] key e.g. 112</p> <p><b>Note:</b> To program password, please refer to <a href="#">General Set Point password setting</a></p>	 <p>The display shows the password '112'. The unit 'kg' is on the right. On the left, there are indicators for NET, →0←, ~, and SET (with a green dot). On the right, there are three function keys labeled FNC1, FNC2, and FNC3.</p>

OPERATION	DISPLAY
<p>7. Press <b>[Enter]</b> key to go to next screen.</p> <p><b>Note:</b> Screen non-stop switching between screen 1 and 2</p>	 <p>Screen 1</p>  <p>Screen 2</p>
<p>8. Enter new/edit Set Point 1 data by using <b>[NUMERIC]</b> key e.g. 0.500g</p>	
<p>9. Press <b>[FNC 1]</b> key to save and go to next set point number</p> <p><b>Note:</b> Screen non-stop switching between screen 1 and 2</p>	 <p>Screen 1</p>  <p>Screen 2</p>

OPERATION	DISPLAY
<p>10. Enter data for all set point and press <b>[FNC 1]</b> key until exit and return to PLU file programming main screen</p> <p>Example: Set point 2 = 1.000  : Set point 3 = 1.500  : Set point 4 = 2.000  : Set point 5 = 2.500</p>	 <p>The display shows a weight of -0.1000 kg. On the left, there are four indicator lights: NET (off), &gt;0&lt; (off), ~ (off), and SET (on, green). On the right, there are three indicator lights: kg (on), FNC1 (off), and FNC2 (off). A small 'kg' label is on the far right. A small 'kg' label is also at the bottom center of the display area.</p>
<p>11. Press <b>[FNC 2]</b> key to set Lot No</p> <p><b>Note:</b> The first screen displayed few second and then automatically goes to <b>Screen 2</b>.</p>	  <p>The first screen shows 'Lot no' in the display area. The second screen, labeled 'Screen 2', shows five empty input fields for entering the lot number. The indicator lights and labels are the same as in the previous screen.</p> <p style="text-align: center;">Screen 2</p>
<p>12. Enter Lot No data by using <b>[NUMERIC]</b> key e.g. 12345</p> <p><b>Note:</b> Max number of data allowed for entry is 20 digits.</p>	 <p>The display shows the number 12345 kg. The indicator lights and labels are the same as in the previous screens.</p>

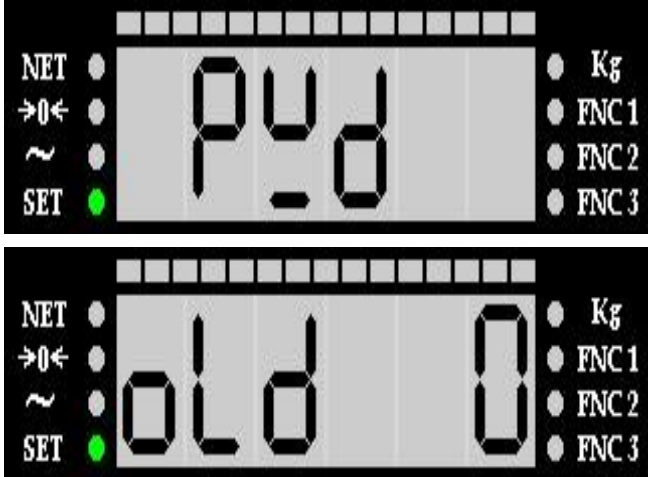
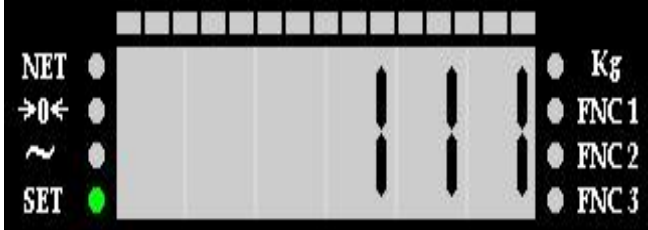
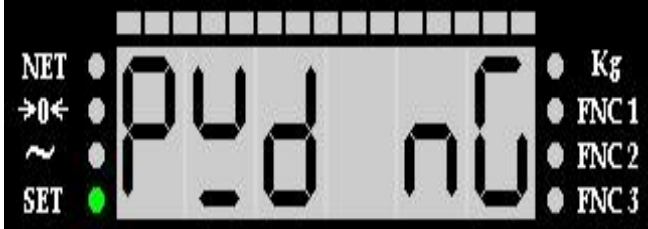
OPERATION	DISPLAY
<p>13. Press <b>[FNC 2]</b> key to save and return to PLU file programming main screen</p> <p><b>Note:</b> Press <b>[C]</b> key to exit without saving</p>	 <p>The display shows a weight of -0.1000 kg. The unit 'kg' is on the right. On the left, there are four indicator lights: NET (off), →0← (off), ~ (off), and SET (on, green). The display has a numeric keypad at the top and a small square button at the bottom.</p>
<p>14. Press <b>[FNC 3]</b> key to set Part No</p> <p><b>Note:</b> The first screen displayed few second and then automatically goes to <b>Screen 2</b>.</p>	 <p>The display shows 'Partno' in a large, stylized font. The unit 'kg' is on the right. On the left, there are four indicator lights: NET (off), →0← (off), ~ (off), and SET (on, green). The display has a numeric keypad at the top and a small square button at the bottom.</p>  <p>Screen 2 shows an empty display with the unit 'kg' on the right. On the left, there are four indicator lights: NET (off), →0← (off), ~ (off), and SET (on, green). The display has a numeric keypad at the top and a small square button at the bottom.</p> <p style="text-align: center;">Screen 2</p>
<p>15. Enter Part No data by using <b>[NUMERIC]</b> key e.g. 4560</p> <p><b>Note:</b> Max number of data allowed for entry is 20 digits.</p>	 <p>The display shows the number 4560. The unit 'kg' is on the right. On the left, there are four indicator lights: NET (off), →0← (off), ~ (off), and SET (on, green). The display has a numeric keypad at the top and a small square button at the bottom.</p>

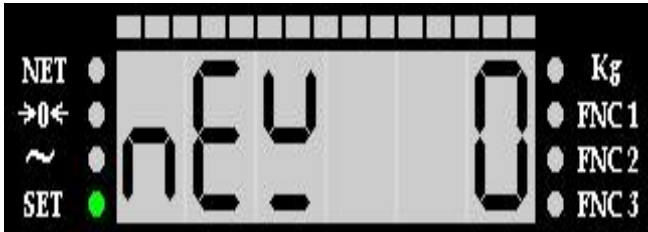
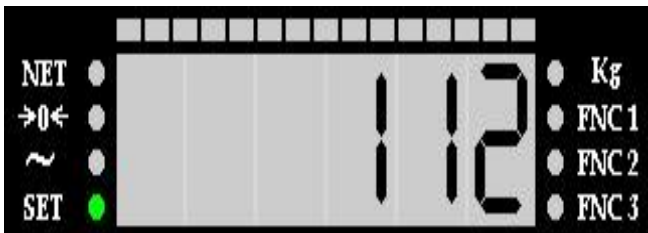
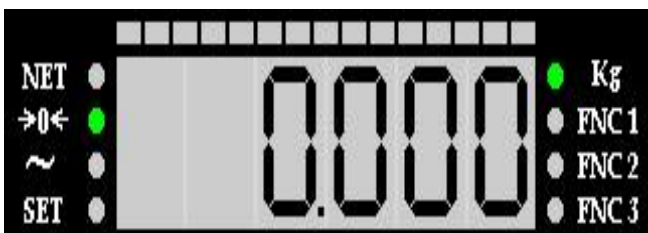
OPERATION	DISPLAY
<p>16. Press <b>[FNC 3]</b> key to save and return to PLU file programming main screen</p> <p><b>Note:</b> Press <b>[C]</b> key to exit without saving</p>	 <p>The display shows a black background with a white digital readout of -0.1000. To the left of the display are four indicator lights labeled NET, →0←, ~, and SET. The SET light is green. To the right of the display is a 'kg' unit indicator and three horizontal bars. A small white square is visible below the display.</p>
<p>17. Press <b>[ENTER]</b> key to save programmed plu file</p> <p><b>Note:</b> Press <b>[Mode]</b> or <b>[C]</b> key to exit without saving</p>	 <p>The display shows a black background with a white digital readout of PLU Pr. To the left of the display are four indicator lights labeled NET, →0←, ~, and SET. The SET light is green. To the right of the display is a 'kg' unit indicator and three horizontal bars. A small white square is visible below the display.</p>
<p>18. Press <b>[MODE]</b> key 3 times to return to Stand-by-Status (Weighing Mode)</p>	 <p>The display shows a black background with a white digital readout of 0.0000. To the left of the display are four indicator lights labeled NET, →0←, ~, and SET. The SET light is green. To the right of the display is a 'kg' unit indicator and three horizontal bars. A small white square is visible below the display.</p>



## General Set Point Password Setting

General Set Point password setting is used for general set point protection.

OPERATION	DISPLAY
<p>1. At Stand-by-Status (Weighing Mode), Press <b>[MODE]</b> key two times to enter password mode.</p> <p><b>Note:</b> The first screen displayed few second and then automatically goes to <b>Screen 2</b>.</p>	 <p>Screen 2</p>
<p>2. Enter old password by using <b>[NUMERIC]</b> key e.g. 111 (max up to 6 digit) and then press <b>[ENTER]</b> key,</p>	
<p>3. If wrong password entered, it display error message</p>	

OPERATION	DISPLAY
<p>4. If correct password entered it goes to next screen.</p>	 <p>The display shows 'nE4' on the left and '0' on the right. The unit 'Kg' is on the far right. Below the unit are three function keys: FNC1, FNC2, and FNC3. On the left side of the display, there are four indicator lights: NET (off), →0← (off), ~ (off), and SET (on, green).</p>
<p>5. Enter new password by using [NUMERIC] key e.g. 112</p>	 <p>The display shows '112' in the center. The unit 'Kg' is on the far right. Below the unit are three function keys: FNC1, FNC2, and FNC3. On the left side of the display, there are four indicator lights: NET (off), →0← (off), ~ (off), and SET (on, green).</p>
<p>6. Press [ENTER] key to save the password. And then press [MODE] key 2 times to return to stand-by-status mode.</p>	 <p>The display shows '0000' in the center. The unit 'Kg' is on the far right. Below the unit are three function keys: FNC1, FNC2, and FNC3. On the left side of the display, there are four indicator lights: NET (off), →0← (on, green), ~ (off), and SET (off).</p>

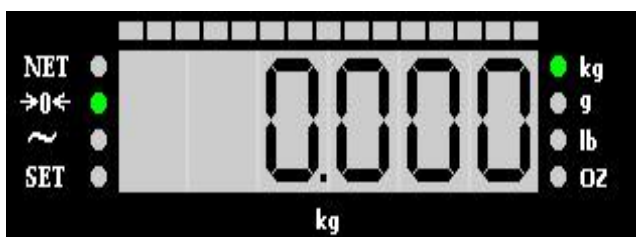
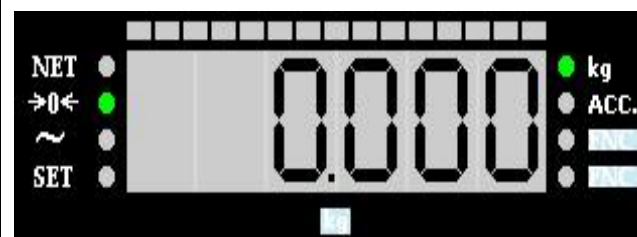
**Note:** If you forget your password, please contact your distributor for assistant.

## Functions Operation

Different type of function available for selection, and the indicator set on scale depend on the function selected. Only can select three different functions (FNC 1, FNC 2 and FNC 3).

Function selection depend on **SPEC 44 'Function 1 Keys Mode,**  
**SPEC 45 'Function 2 Keys Mode,**  
**SPEC 46 'Function 3 Keys Mode,**

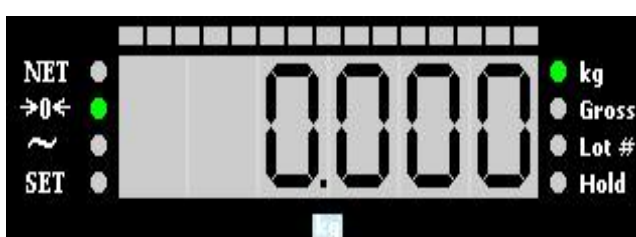
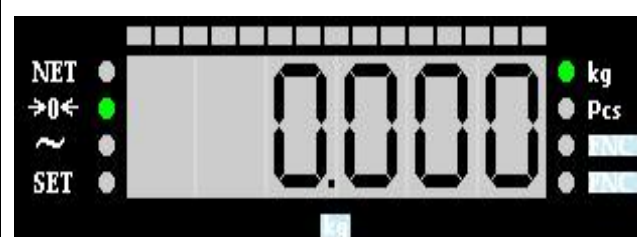
### Example of Function and Indicator Layout

	
FNC 1 : Weight Conversion FNC 2 : N/A FNC 3 : N/A	FNC 1 : Accumulation FNC 2 : Subtraction FNC 3 : Sequence Number

\* When use weight conversion, FNC 2 and FNC 3 cannot be used

\* For subtraction used the same indicator as Accumulation

\* For Sequence Number no functions indicator is used

	
FNC 1 : Gross FNC 2 : Lot Number FNC 3 : Hold	FNC 1 : Counting (sample) FNC 2 : Quantity FNC 3 : Set Point

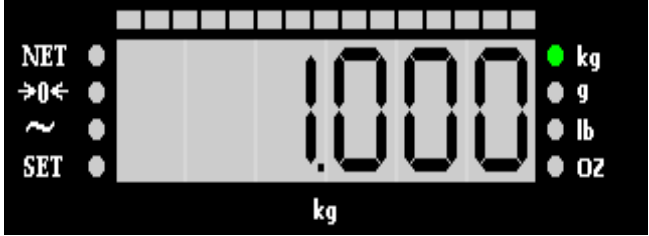
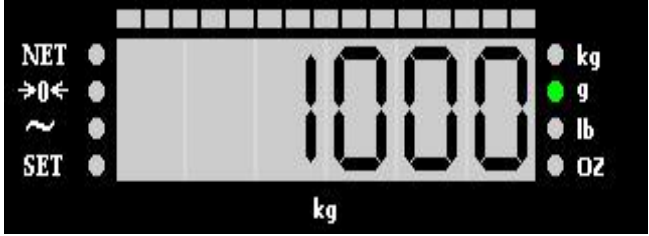

\* Quantity is used to display current quantity for sampling weight and no indicator is used for quantity


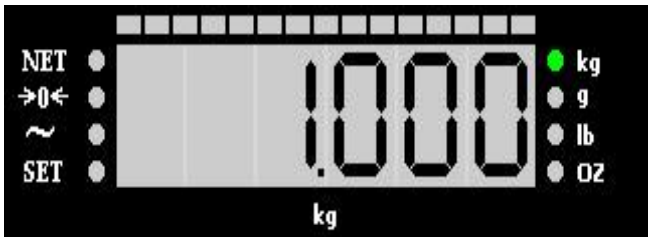
\* For set point no functions indicator is used

## Weight Conversion

Weight conversion used for converting of current weight unit to other weight unit with the same weight used.

**Note:** when select weight conversion, other function cannot be set, FNC 2 and FNC 3 key will be disabled

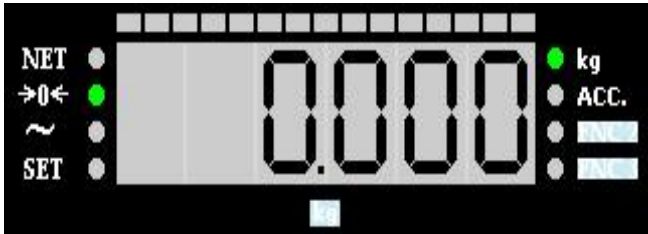
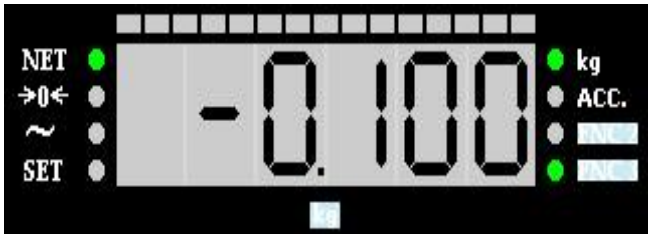

OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode), Load Weight e.g 1kg	
2. Press <b>[WEIGHT CONVERSION]</b> function key (1 times) to view weight in gram	
3. Press <b>[WEIGHT CONVERSION]</b> function key (2 times) to view weight in pound (lb)	




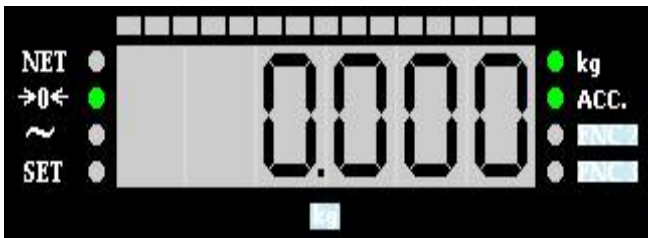

OPERATION	DISPLAY
4. Press <b>[WEIGHT CONVERSION]</b> function key (3 times) to view weight in ounce (oz)	
5. Press <b>[WEIGHT CONVERSION]</b> function key (4 times) to view back, weight in kg (original weight unit)	

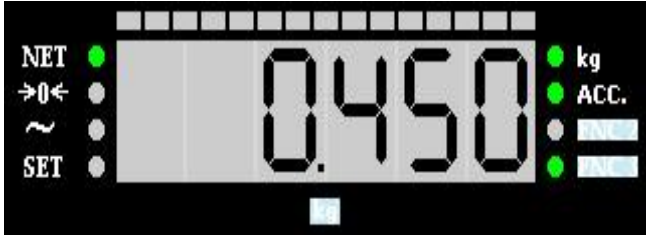



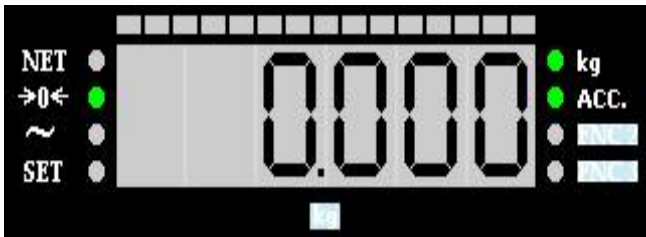
## Accumulation and Subtraction

Accumulation and subtraction is used for calculation of weight/item.



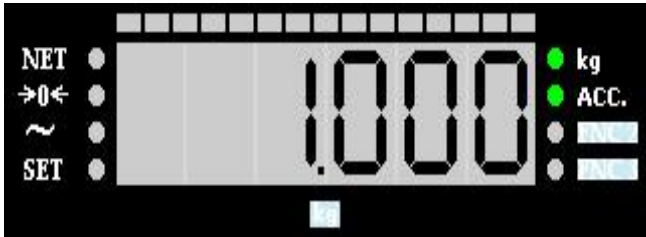


### 1. Accumulation

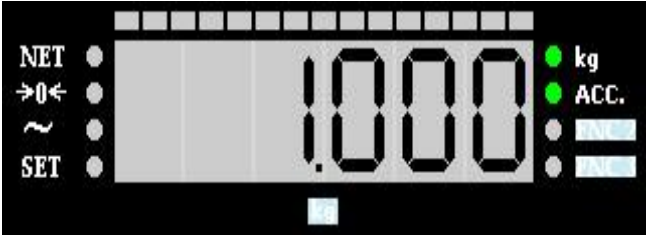

OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode),	 <p>The display shows a four-digit digital scale reading of 0.0000. To the left of the display are four indicator lights labeled NET, →0←, ~, and SET. To the right are two indicator lights labeled kg and ACC., and two small rectangular buttons. The kg light is illuminated green. A small kg icon is visible below the display.</p>
2. Call up PLU e.g. 123 by using [NUMERIC] key and [CODE] key	 <p>The display shows a four-digit digital scale reading of -0.1000. The kg light is illuminated green, and the ACC. light is illuminated green. The ~ indicator light is also illuminated green. The →0← indicator light is not illuminated. A small kg icon is visible below the display.</p>
3. Put a weight on to the platform e.g. 300g	 <p>The display shows a four-digit digital scale reading of 0.2000. The kg light is illuminated green, and the ACC. light is illuminated green. The ~ indicator light is also illuminated green. The →0← indicator light is not illuminated. A small kg icon is visible below the display.</p>

OPERATION	DISPLAY
<p>4. Press <b>[ACCUMULATION]</b> function key to add item to accumulation mode</p> <p><b>Note:</b> When press accumulation key it display <b>Screen 1</b>, then automatically change Screen in sequence until <b>Screen 3</b></p> <p><b>Note:</b> <b>Screen 2</b> displays the total value of accumulated item weight.</p> <p><b>Note:</b> When connect to some application, it might show extra screen</p>	 <p>Screen 1</p>  <p>Screen 2</p>  <p>Screen 3</p>
<p>5. Press <b>[C]</b> key to clear PLU and remove weight from platform</p>	
<p>6. Call up PLU e.g. 456 by using <b>[NUMERIC]</b> key and <b>[CODE]</b> key</p>	

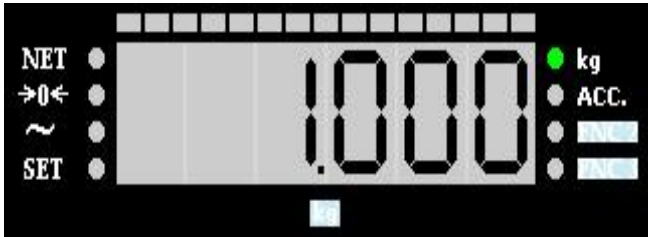
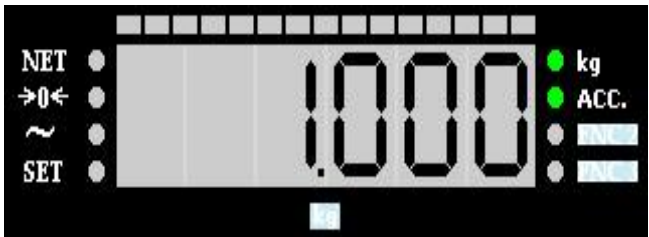
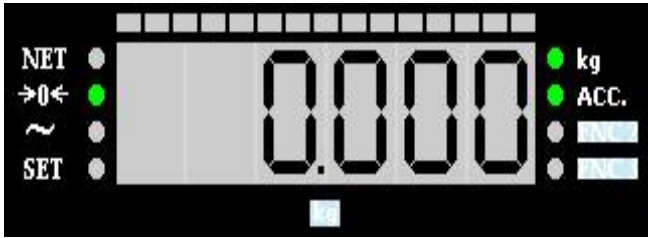

OPERATION	DISPLAY
<p>7. Put a weight on to the platform e.g. 500g</p>	 <p>The display shows a weight of 0.450 kg. The left side has indicators for NET (green), →0← (grey), ~ (grey), and SET (grey). The right side has indicators for kg (green), ACC. (green), and two bar graphs (grey and green).</p>
<p>8. Press [ACCUMULATION] function key to add item to accumulation mode</p> <p><b>Note:</b> When press accumulation key it display <b>Screen 1</b>, then automatically change Screen in sequence until <b>Screen 3</b></p> <p><b>Note:</b> <b>Screen 2</b> displays the total value of accumulated item weight.</p> <p><b>Note:</b> When connect to some application, it might show extra screen</p>	 <p>Screen 1</p>  <p>Screen 2</p>  <p>Screen 3</p>
<p>9. Press [C] key to clear PLU and remove weight from platform</p>	 <p>The display shows a weight of 0.000 kg. The left side has indicators for NET (grey), →0← (green), ~ (grey), and SET (grey). The right side has indicators for kg (green), ACC. (green), and two bar graphs (grey and green).</p>


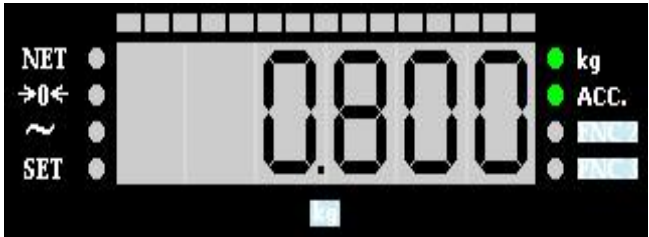

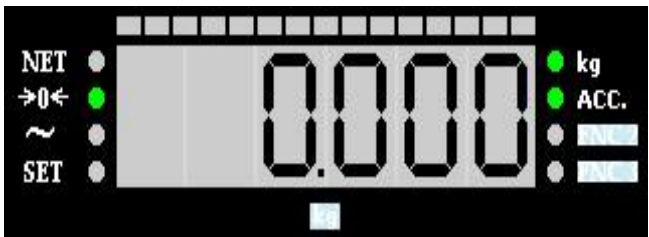








OPERATION	DISPLAY
<p>10. Put a weight on to the platform e.g. 350g (Non-PLU)</p>	 <p>The display shows a weight of 0.350 kg. The unit 'kg' is indicated by a green dot. The 'ACC.' indicator is also green. The 'NET' indicator is off. The 'Tare' indicator is off. The 'SET' indicator is off.</p>
<p>11. Press <b>[ACCUMULATION]</b> function key to add weight to accumulation mode</p> <p><b>Note:</b> When press accumulation key it display <b>Screen 1</b>, then automatically change Screen in sequence until <b>Screen 3</b></p> <p><b>Note:</b> <b>Screen 2</b> displays the total value of accumulated item weight.</p> <p><b>Note:</b> When connect to some application, it might show extra screen</p>	 <p>Screen 1</p>  <p>Screen 2</p>  <p>Screen 3</p>
<p>12. Press <b>[ENTER]</b> key to send out the weighing data and exit Accumulation Mode</p> <p><b>Note:</b> When press accumulation key it display <b>Screen 1</b>, then automatically change Screen in sequence until <b>Screen 3</b></p> <p><b>Note:</b> <b>Screen 2</b> displays the total value of accumulated item weight.</p> <p><b>Note:</b> When connect to some application, it might show extra screen</p>	 <p>Screen 1</p>


OPERATION	DISPLAY
	 <p>Screen 2</p>
	 <p>Screen 3</p>

## 2. Subtraction

OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode), Put a weight on to the platform e.g. 1kg	
2. Press <b>[ACCUMULATION]</b> function key to add weight to accumulation mode	
3. Remove weight from platform	
4. Put a weight on to the platform e.g. 200g	

OPERATION	DISPLAY
<p>5. Press <b>[SUBTRACTION]</b> function key to subtract weight from accumulation mode</p> <p><b>Note:</b> When press subtraction key it display <b>Screen 1</b>, then automatically change Screen in sequence until <b>Screen 3</b></p> <p><b>Note:</b> <b>Screen 2</b> displays the total value of accumulated item weight.</p> <p><b>Note:</b> When connect to some application, it might show extra screen</p>	 <p>Screen 1</p>  <p>Screen 2</p>  <p>Screen 3</p>
<p>6. Remove weight from platform</p>	
<p>7. Put a weight on to the platform e.g. 500g</p>	

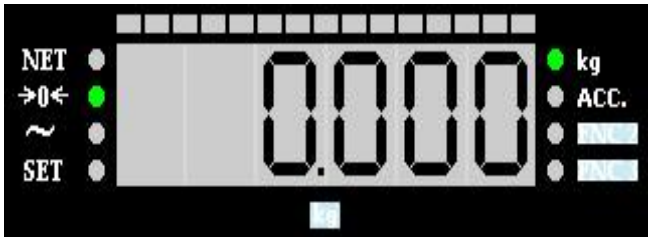

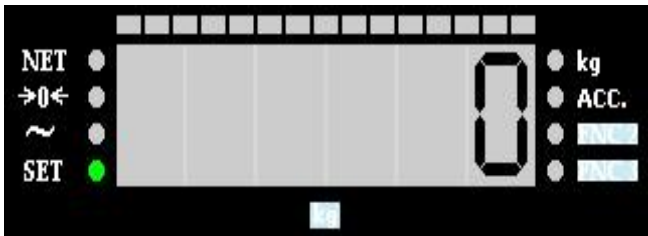
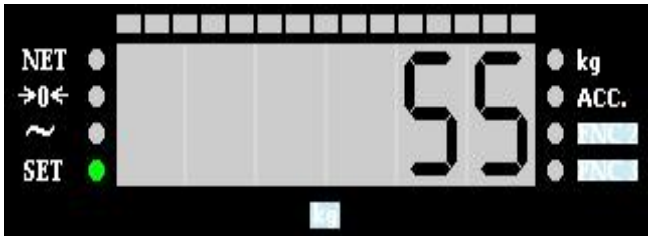
OPERATION	DISPLAY
<p>8. Press <b>[SUBTRACTION]</b> function key to subtract weight from accumulation mode</p> <p><b>Note:</b> When press subtraction key it display <b>Screen 1</b>, then automatically change Screen in sequence until <b>Screen 3</b></p> <p><b>Note:</b> <b>Screen 2</b> displays the total value of accumulated item weight.</p> <p><b>Note:</b> When connect to some application, it might show extra screen</p>	 <p>Screen 1</p>  <p>Screen 2</p>  <p>Screen 3</p>
<p>9. Press <b>[ENTER]</b> key to send out the weighing data and exit Accumulation Mode</p> <p><b>Note:</b> When press accumulation key it display <b>Screen 1</b>, then automatically change Screen in sequence until <b>Screen 3</b></p> <p><b>Note:</b> <b>Screen 2</b> displays the total value of accumulated item weight.</p> <p><b>Note:</b> When connect to some application, it might show extra screen</p>	 <p>Screen 1</p>  <p>Screen 2</p>

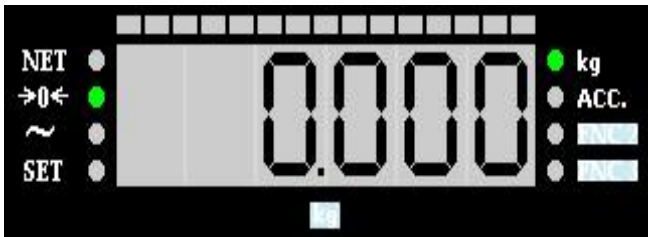
OPERATION	DISPLAY
	 <p>Screen 3</p>

## Sequence Number

Sequence number function key used to view current sequence number and modifies current number value. Sequence number only operational during printing (each time do printing, sequence number increased by 1). Max sequence number is 999999, once reach it, it will reset the number back to 0.

**Note:** Set Spec 52 “Output Type”, to 2 “Label Printer”, in advance.

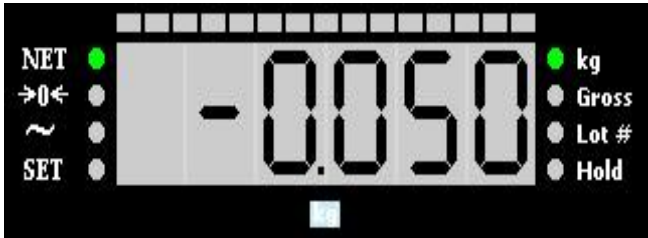



OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode)	 <p>The display shows '0.0000' in the center. On the left, there are four rows of indicators: 'NET' with a dot, '→0←' with a green dot, '~' with a dot, and 'SET' with a dot. On the right, there are four rows: a green dot with 'kg', a dot with 'ACC.', a dot with a bar icon, and a dot with a bar icon. A small 'kg' icon is at the bottom center.</p>
2. Press [SEQUENCE NUMBER] function key  <b>Note:</b> The first screen and Screen 2 will toggled non stop	 <p>The display shows 'SE9 no' in the center. The left indicators are the same as in the first screen, but the '→0←' indicator is now green. The right indicators are the same. A small 'kg' icon is at the bottom center.</p>  <p>The display shows '0' in the center. The left indicators are the same, but the 'SET' indicator is now green. The right indicators are the same. A small 'kg' icon is at the bottom center.</p> <p style="text-align: center;">Screen 2</p>
3. Enter new Sequence Number value e.g. 55	 <p>The display shows '55' in the center. The left indicators are the same, but the 'SET' indicator is now green. The right indicators are the same. A small 'kg' icon is at the bottom center.</p>

OPERATION	DISPLAY
<p>4. Press <b>[SEQUENCE NUMBER]</b> function key to save the sequence number value</p> <p><b>Note:</b> When print it increase the sequence number value</p> <p><b>Note:</b> Press <b>[C]</b> key to clear entered data</p>	



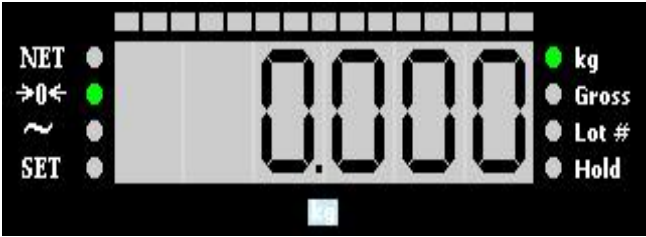

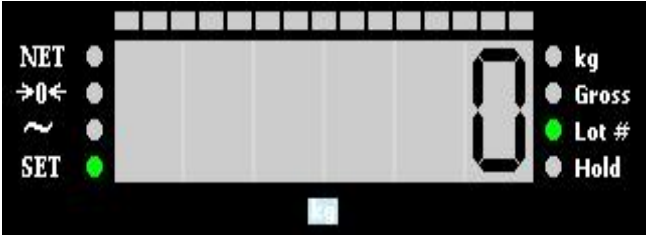

## Net/Gross

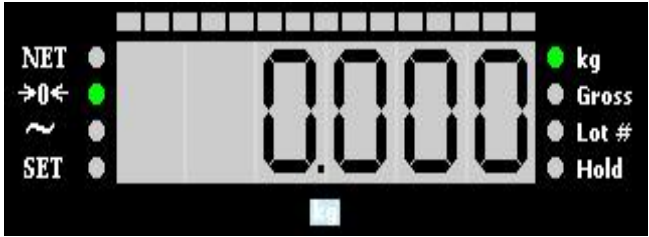
Gross function is used to display total weight (tare weight + net weight) of item on platform.

OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode), Assign a tare (digital tare) value e.g. 50g  <b>Note:</b> If do one touch tare, it display as zero.	
2. Put a Weight on to the Platform e.g. 300g	
3. Press [NET/GROSS] function key to view gross weight (tare weight + net weight)	
4. Press [NET/GROSS] function key again to exit gross mode and view back net weight	

## Lot Number

Lot number function key used to view and temporarily modifies PLU lot number. Also used to program lot number for weighing mode (non-Plu). Max number of data allowed for entry is 20 digits.

OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode)	
2. Press [LOT NUMBER] function key  <b>Note:</b> The first screen displayed few second and then automatically goes to <b>Screen 2</b> .	<div>  Screen 2</div>
3. Enter lot number value e.g. 2268	

OPERATION	DISPLAY
<p>4. Press <b>[LOT NUMBER]</b> function key to save the lot number value</p> <p><b>Note:</b> For Plu only temporarily save, when recall the plu, it display the original plu lot number</p> <p><b>Note:</b> Press <b>[C]</b> key to clear entered data</p>	

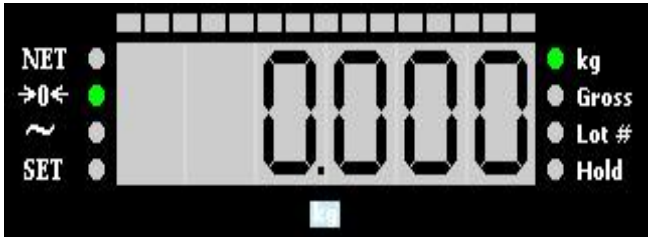
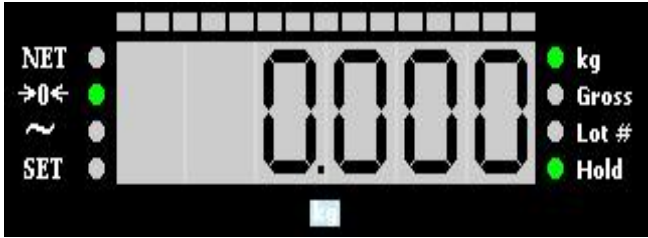
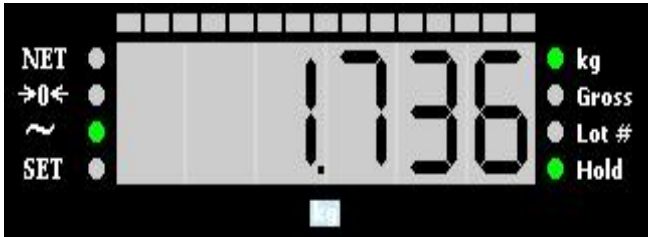
## Hold

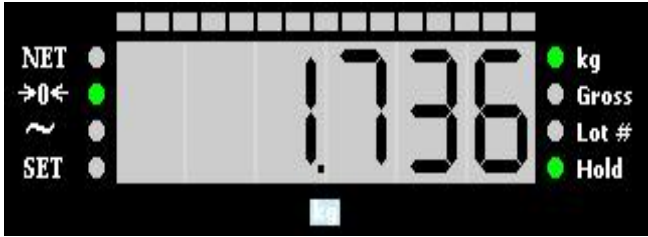
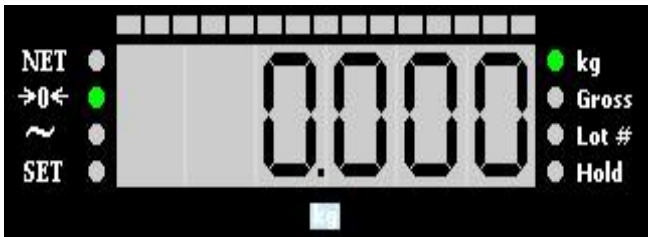
Hold function is used to hold/capture weight for unstable weigh (e.g. when weighing animal and etc), also used to view weight (e.g. for recording data purpose and etc). There is two type of hold function (peak hold and normal hold), selection depend on the **SPEC 50 Hold Method**

**Note:** Must set **SPEC 50 Hold Function** to **1:Enable** in advance

### 1. Peak Hold

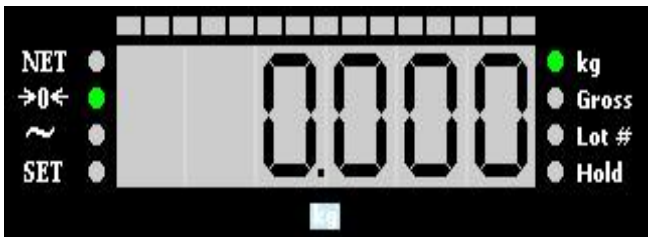
Peak hold function work by detecting the peak/highest weight reached when item placed on platform

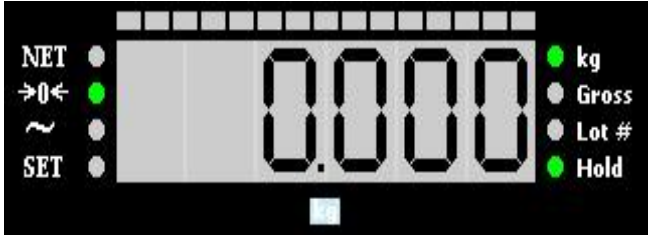


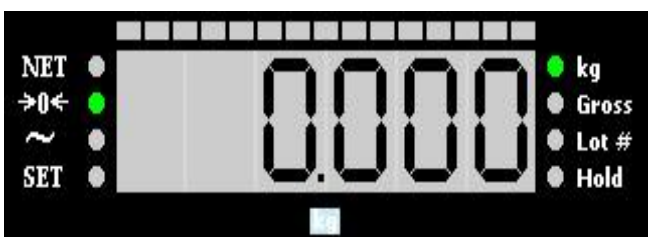
OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode)	
2. Press <b>[HOLD]</b> function key to enable holding function	
3. Press the platform and release it. e.g. the weight reach 1.736 kg	

OPERATION	DISPLAY
<p>4. The hold function hold the pick weight e.g. 1.736 kg</p> <p><b>Note:</b> If when do pressing platform and release with a weight on platform the zero lamps will be off.</p>	
<p>5. Display return to normal after few seconds. (The hold weight and lamp cleared)</p> <p><b>Note:</b> If a weight is on platform, it display the weight value</p>	

## 2. Normal Hold


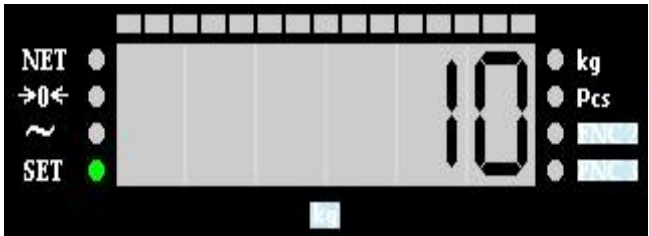

Normal hold function work by detecting the stable weight when item placed on platform

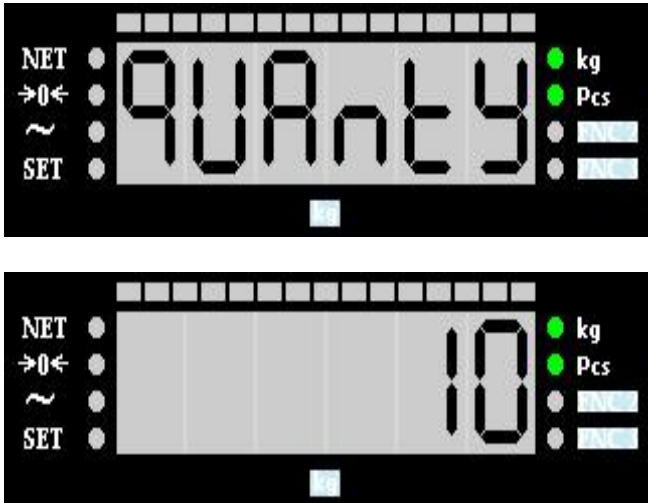
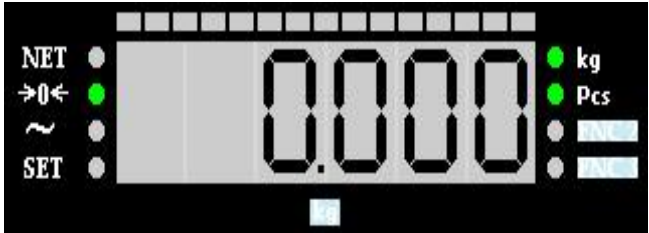
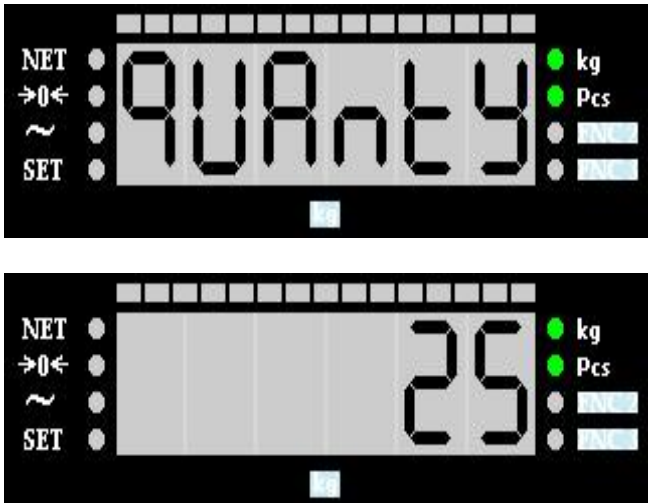
OPERATION	DISPLAY
<p>1. At Stand-by-Status (Weighing Mode)</p>	

OPERATION	DISPLAY
<p>2. Press <b>[HOLD]</b> function key to enable holding function</p>	
<p>3. Put a weight on platform e.g. 2 kg</p>	
<p>4. After weight stabled, remove the weight</p> <p><b>Note:</b> Hold function work only when the weight is stable.</p>	
<p>5. Display return to normal after few seconds. (The hold weight and lamp cleared)</p>	

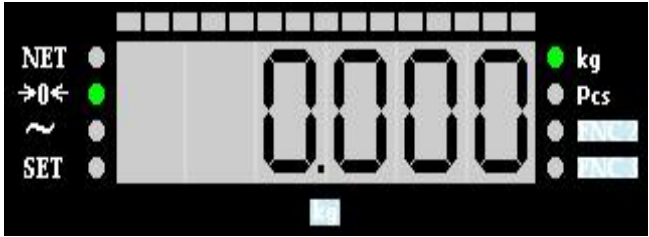
## Counting and Quantity

Counting is used to create simple mode of counting/sampling of unit weight for item. Quantity is used to view current quantity of weight (when unit weight is available).

OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode), Load Weight e.g. 200 g	
2. Enter known quantity number for 0.200g e.g. 10 pcs using the [NUMERIC] key	
3. Press [COUNTING] function key to do count sample weight  <b>Note:</b> When do counting, it do computation as “ <b>weight/pcs</b> ”, so 0.200g/10 pcs = 0.020g/per pcs (unit weight)	

OPERATION	DISPLAY
<p>4. Press [QUANTITY] function key view the quantity value x current weight</p> <p><b>Note:</b> The first screen displayed few second and then automatically goes to <b>Screen 2</b>.</p> <p><b>Note:</b> Press [C] key to return back to Stand-by-Status (Weighing Mode)</p>	 <p>Screen 2</p>
<p>5. Remove (all) Weight from platform</p> <p><b>Note:</b> It still will be in counting operation mode</p>	
<p>6. Load weight example 500g and press [QUANTITY] function key</p> <p><b>Note:</b> It will display the quantity of current weight</p> <p><b>Note:</b> The first screen displayed few second and then automatically goes to <b>Screen 2</b>.</p> <p><b>Note:</b> Press [C] key to return back to Stand-by-Status (Weighing Mode)</p>	 <p>Screen 2</p>


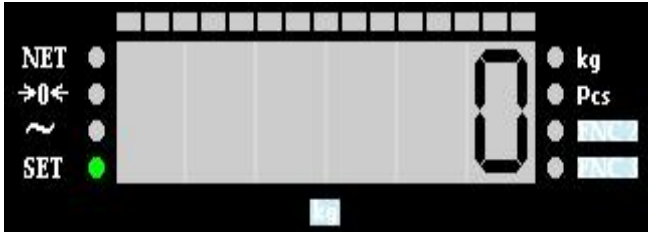
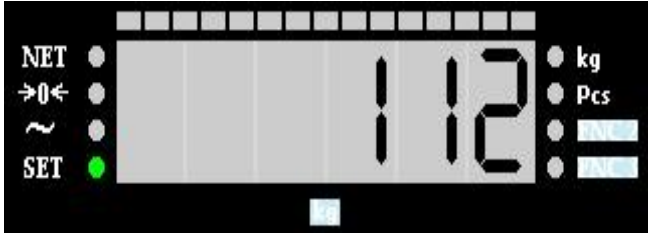



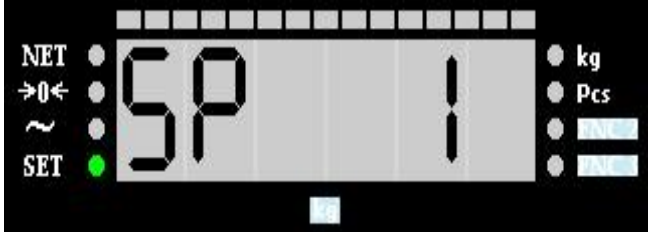
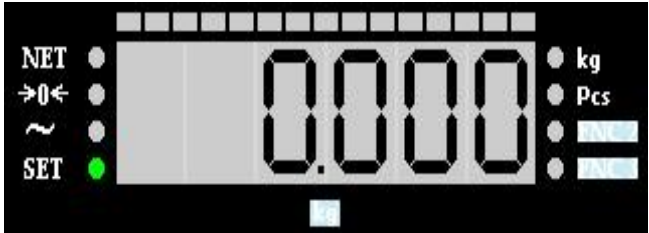

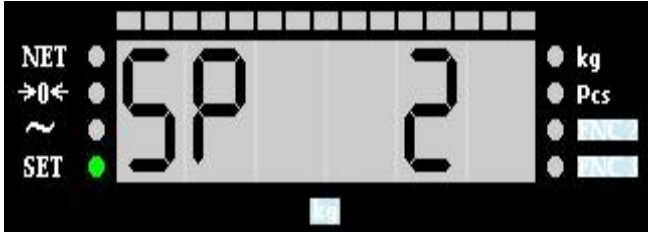
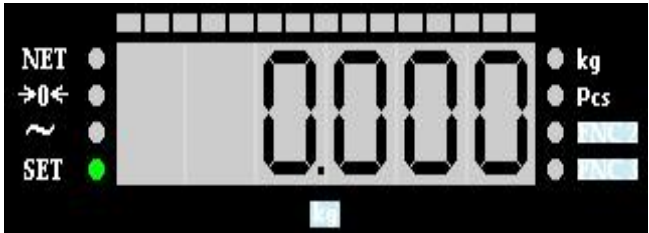
OPERATION	DISPLAY
<p>7. Remove (all) Weight and press [C] key to clear/exit counting function</p>	

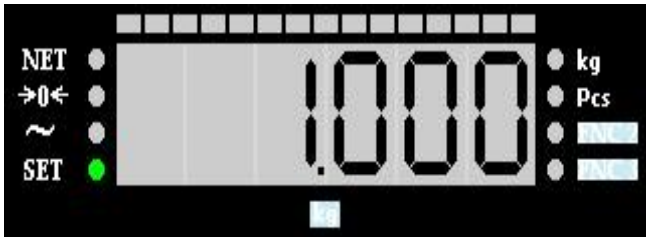
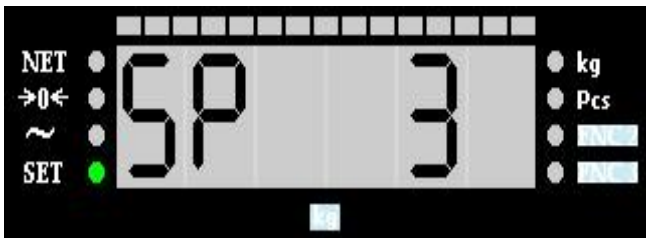
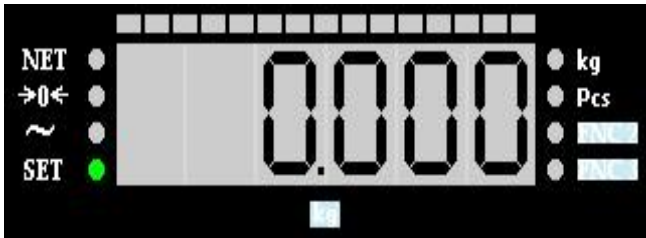

## Set-Point

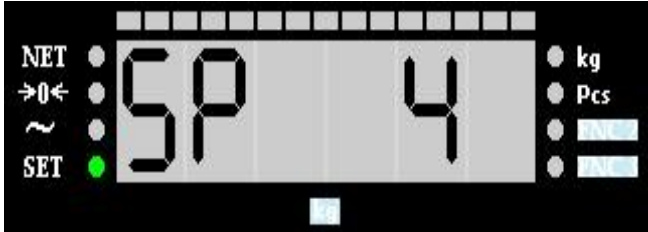
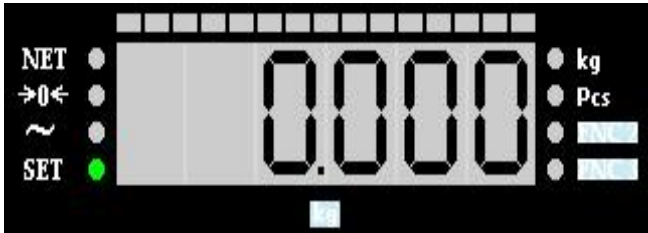

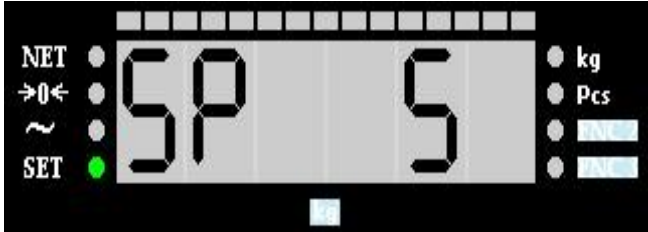
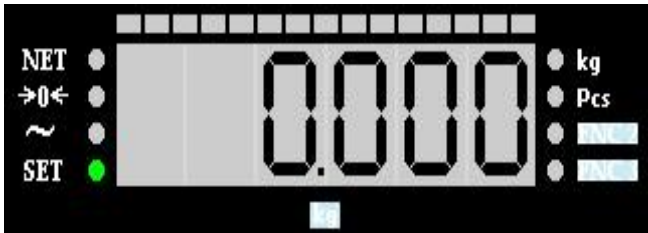
General Set Point setting is used to program or change weight Set Point data (Non-PLU item) which to be used in Stand-By-Status Mode.


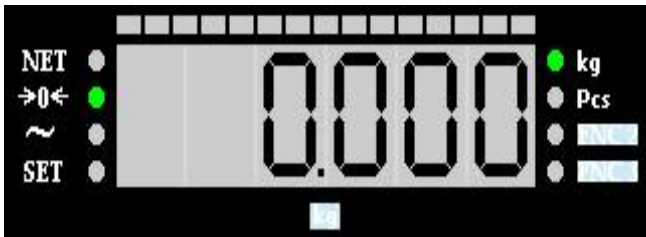
### 1. Set-Point Setting

OPERATION	DISPLAY
<p>1. At Stand-by-Status (Weighing Mode), press <b>[SET POINT SETTING]</b> function key.</p> <p><b>Note:</b> Screen non-stop switching between screen 1 and 2</p>	 <p>Screen 1</p>  <p>Screen 2</p>
<p>2. Enter password by using <b>[NUMERIC]</b> key e.g. 112 (max up to 6 digit) and then press <b>[ENTER]</b> key</p> <p><b>Note:</b> To change password, please refer to <a href="#">General Set Point password setting</a></p>	
<p>3. If wrong password entered, it display error message</p>	

OPERATION	DISPLAY
<p>4. If correct password entered it goes to next screen.</p> <p><b>Note:</b> The first screen displayed few second and then automatically goes to <b>Screen 2</b>.</p>	 <p>Screen 1</p>  <p>Screen 2</p>
<p>5. Enter new/edit Set Point 1 data by using [NUMERIC] key e.g. 500 g</p>	
<p>6. Press [SET POINT SETTING] function key to save and go to Set Point 2 setting</p> <p><b>Note:</b> Screen non-stop switching between screen 1 and 2</p>	 <p>Screen 1</p>  <p>Screen 2</p>

OPERATION	DISPLAY
<p>7. Enter new/edit Set Point 2 data by using [NUMERIC] key e.g. 1 kg</p>	 <p>The display shows a numeric keypad at the top. On the left, there are four indicator lights: NET (off), →0← (off), ~ (off), and SET (on, green). The main display shows '1.000' with a decimal point. On the right, there are four indicator lights: kg (on), Pcs (off), TARE (off), and TARE (off). A small 'kg' icon is at the bottom center.</p>
<p>8. Press [SET POINT SETTING] function key to save and go to Set Point 3 setting</p> <p><b>Note:</b> Screen non-stop switching between screen 1 and 2</p>	<div data-bbox="826 680 1474 916">  <p>Screen 1 shows 'SP 3' on the main display. The SET indicator is on (green). The kg and Pcs indicators are on.</p> <p>Screen 1</p> </div> <div data-bbox="826 987 1474 1223">  <p>Screen 2 shows '0.000' on the main display. The SET indicator is on (green). The kg and Pcs indicators are on.</p> <p>Screen 2</p> </div>
<p>9. Enter new/edit Set Point 3 data by using [NUMERIC] key e.g. 1.5 kg</p>	 <p>The display shows a numeric keypad at the top. On the left, there are four indicator lights: NET (off), →0← (off), ~ (off), and SET (on, green). The main display shows '1.500' with a decimal point. On the right, there are four indicator lights: kg (on), Pcs (off), TARE (off), and TARE (off). A small 'kg' icon is at the bottom center.</p>

OPERATION	DISPLAY
<p>10. Press <b>[SET POINT SETTING]</b> function key to save and go to Set Point 4 setting</p> <p><b>Note:</b> Screen non-stop switching between screen 1 and 2</p>	 <p>Screen 1</p>  <p>Screen 2</p>
<p>11. Enter new/edit Set Point 4 data by using <b>[NUMERIC]</b> key e.g. 2 kg</p>	
<p>12. Press <b>[SET POINT SETTING]</b> function key to save and go to Set Point 5 setting</p> <p><b>Note:</b> Screen non-stop switching between screen 1 and 2</p>	 <p>Screen 1</p>  <p>Screen 2</p>

OPERATION	DISPLAY
13. Enter new/edit Set Point 5 data by using [NUMERIC] key e.g. 2.5 kg	
14. Press [SET POINT SETTING] function key to save and go to/return to Stand-By-Status mode.	

## 2. Weighing Operation with Set Point

It works by weighing the weight/item on the platform and set point used to indicate reaching of target/requested weight, where the set point lamp (or with buzzer) will be activated.

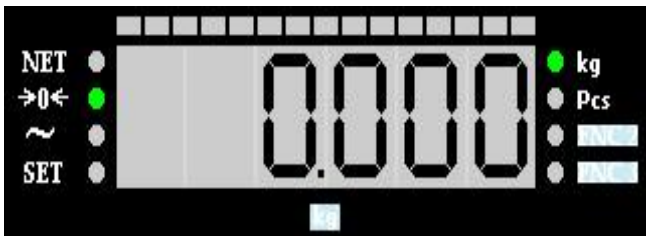
**Note:** To enable Weighing Operation with Set Point, SPEC 240 “Weight Checking” set to 1 “Yes”.




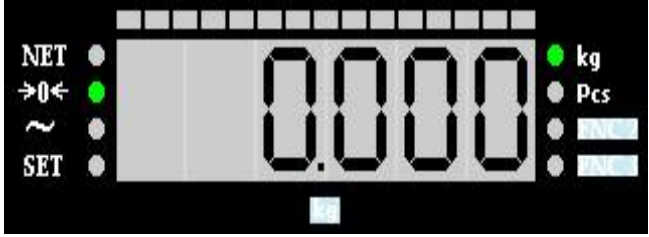
**Note:** There is **Internal (On Scale)** and **External Set Point Lamp (Connect to Set Point interface)**.

**Note:** For **Internal Set Point Lamp** when weight above set point 3 value, the last led lamp will blink.

**Note:** External Set Point Lamp display, depend on SPEC 235 “Set Point Latch”, currently set to 1 “YES”.

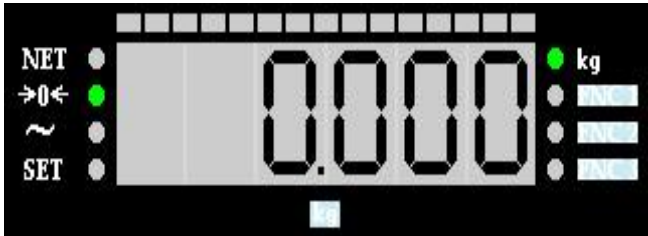

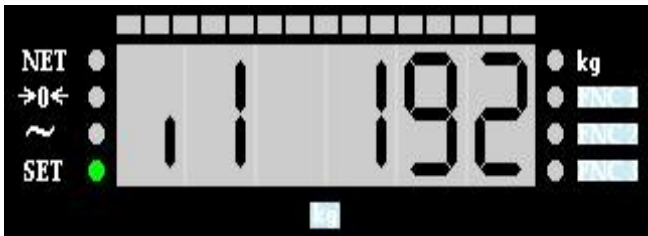
**Note:** SPEC 402 “Weight Checking type” currently set to 0 “Sequence weight check”.

OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode)	

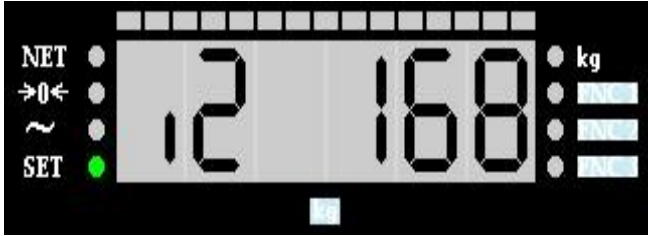
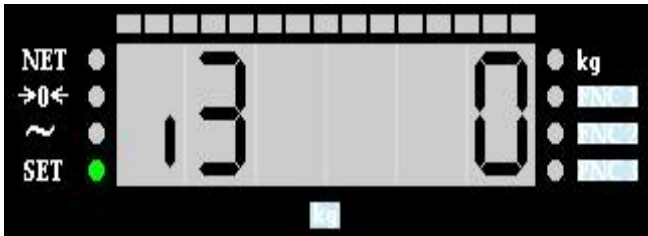
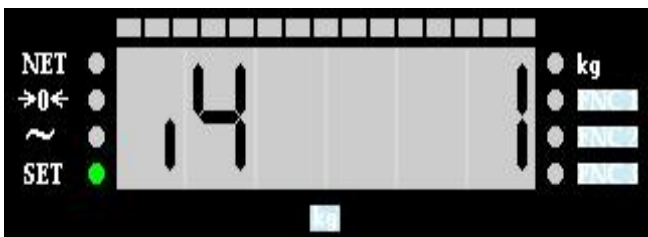
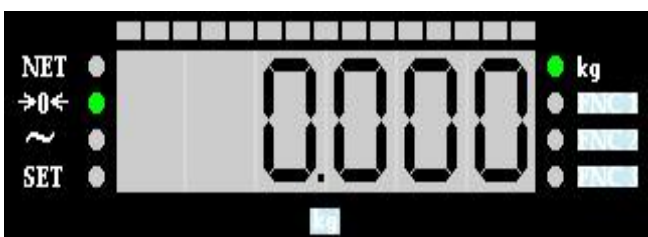
OPERATION	DISPLAY
<p>2. Put a Weight on to the Platform e.g. 500g</p> <p><b>Note:</b> Internal and External Set Point 1 lamp is ON</p> <p><b>Note:</b> Press <b>[ENTER]</b> key to send out the weighing data.</p>	
<p>3. Add another 500g on the Platform. (Equal to 1 kg)</p> <p><b>Note:</b> Internal Set Point 2 lamp is ON and External Set Point 1 &amp; 2 lamp is ON</p> <p><b>Note:</b> Press <b>[ENTER]</b> key to send out the weighing data.</p>	
<p>4. Add another 500g on the Platform. (Equal to 1.5 kg)</p> <p><b>Note:</b> Internal Set Point 3 lamp is ON and External Set Point 1, 2 &amp; 3 lamp is ON</p> <p><b>Note:</b> Press <b>[ENTER]</b> key to send out the weighing data.</p> <p><b>Note:</b> Internal set point lamp only support for 3 set point</p>	
<p>5. Remove all the Weight from Platform</p>	

## IP Address Setting

DI 300 SS features with TCP/IP network connection. IP set up is described as follow: e.g. 192.168.0.1  
(get a valid IP from your IT Administrator)

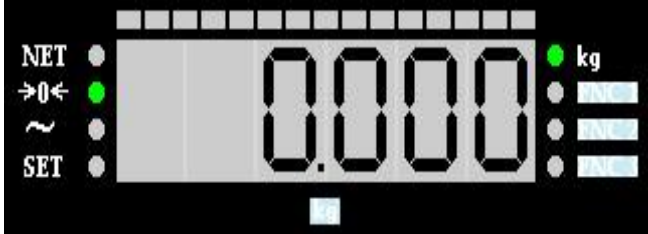
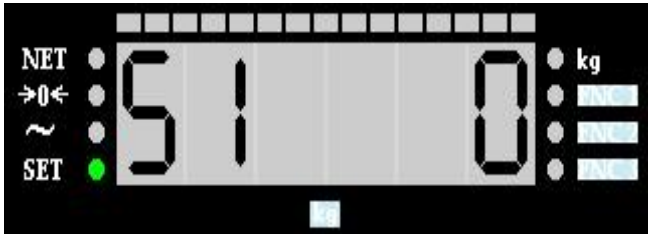

OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode)	
2. Press 0416 (use [NUMERIC] key) while pressing [REZERO] key.	
3. Enter 1 <sup>st</sup> byte of the IP e.g.192	

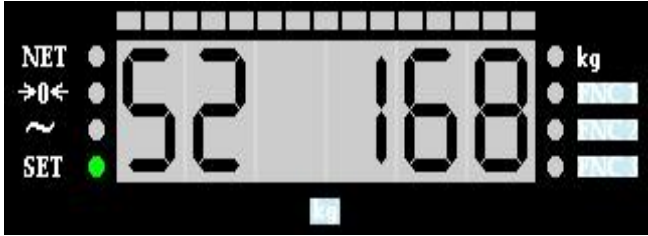
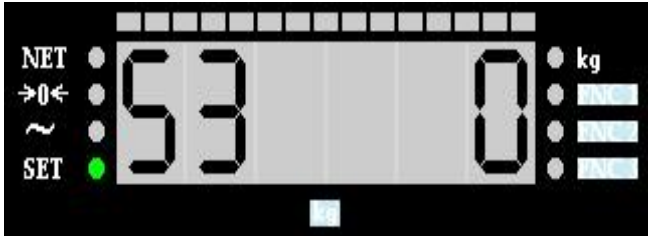
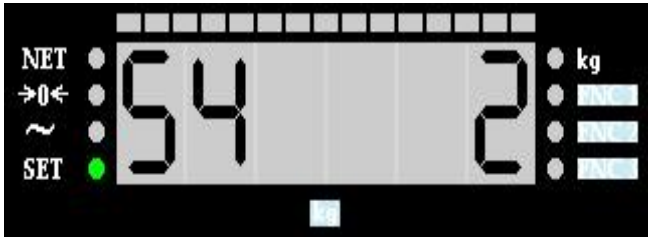
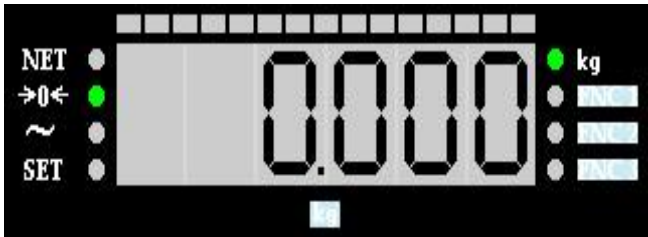


OPERATION	DISPLAY
<p>4. Press <b>[ENTER]</b> key, Then enter 2<sup>nd</sup> byte of the IP e.g.168</p>	
<p>5. Press <b>[ENTER]</b> key, Then enter 3<sup>rd</sup> byte of the IP e.g. 0</p>	
<p>6. Press <b>[ENTER]</b> key, Then enter the 4<sup>th</sup> byte of the IP e.g. 1</p>	
<p>7. Press <b>[ENTER]</b> key to save and exit</p>	

## Server IP Address Setting

Other than IP setting, Server IP set up is described as follow: e.g. 192.168.0.2

OPERATION	DISPLAY
1. At Stand-by-Status (Weighing Mode)	
2. Press 0417 (use [NUMERIC] key) while pressing [REZERO] key.	
3. Enter 1 <sup>st</sup> byte of the Server IP e.g.192	

OPERATION	DISPLAY
<p>4. Press <b>[ENTER]</b> key, Then enter 2<sup>nd</sup> byte of the Server IP e.g.168</p>	 <p>The display shows the number 52.168 followed by 'kg'. On the left, there are four indicator lights: NET (off), →0← (off), ~ (off), and SET (on). On the right, there are three indicator lights, all of which are off.</p>
<p>5. Press <b>[ENTER]</b> key, Then enter 3<sup>rd</sup> byte of the Server IP e.g. 0</p>	 <p>The display shows the number 53.0 followed by 'kg'. On the left, there are four indicator lights: NET (off), →0← (off), ~ (off), and SET (on). On the right, there are three indicator lights, all of which are off.</p>
<p>6. Press <b>[ENTER]</b> key, Then enter the 4<sup>th</sup> byte of the Server IP e.g. 2</p>	 <p>The display shows the number 54.2 followed by 'kg'. On the left, there are four indicator lights: NET (off), →0← (off), ~ (off), and SET (on). On the right, there are three indicator lights, all of which are off.</p>
<p>7. Press <b>[ENTER]</b> key to save and exit</p>	 <p>The display shows the number 0000 followed by 'kg'. On the left, there are four indicator lights: NET (off), →0← (on), ~ (off), and SET (off). On the right, there are three indicator lights, all of which are off.</p>

## Error Messages Description

Error message	Error description
<b>ID Mgr Communication Error</b>	
ERRC 1	Ethernet no connection
ERRC 2	Send error
ERRC 3	Receive timeout
ERRC 4	Receive error
ERRC 5	Database write error
ERRC 6	Database memory error
ERRC 7	Ethernet board error
<b>Weight Measure Error</b>	
ERR 1	Calibration error
ERR 2	Calibration map error, not follow the setting table
ERR 3	data entered is great than capacity
ERR 4	AD error
ERR 5	Can't enter float data or no data entered
ERR 6	Keying in resolution map error
ERR 7	Set RTC error. E.g.set month>12..
ERR 8	Set point configure error/ data enter > capacity/ sp[i+1]<=sp[i]
ERR 9	Decimal is 0. Maybe memory corrupt
ERR 10	Gross < Zero raw, tare operation error, clear tare if tare on
ERR 11	When one touch only, can't enter data except 0
ERR 12	When digit tare only, can't enter "TARE" except clear tare
ERR 13	Digital tare when loaded can't fulfill
ERR 14	Enter data or weight is great than tare range
ERR 15	Weight not stable when tare or rezero operation need stable. Spec 11 set to 0
ERR 16	Spec setting is tare can't increase or decrease

ERR 17	tare condition error
ERR 18	Neg weight send to ID Mgr error
ERR 19	ID Client send stable timeout
ERR 20	Wait for stable timeout error
ERR 21	Haven't get dry weight (for Vietnam request)
ERR 22	Can't change set point value when not in first unit
ERR 23	Accumulation error
ERR 24	Digit numbers after decimal point greater than No of decimal setting when do tare operation
ERR 25	Error scan barcode

## Notes