




Operation Manual

US-2011/US-2011SS

Weighing Indicator

- Display will be show *LoAd*
- Place the calibration weight on the platform.
- When indicator get stable, press  key to confirm.
- Display will back to normal weighing mode








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1. INTRODUCTION

- The US-2011/US-2011SS series weighing indicator that amplifies signals from a load cell, converts it to digital data and displays it as a mass value.
- It is suitable for general weighing or more specialized applications such as check weighing, animal weighing and accumulation applications.
- It can connect the indicator to a printer or a PC.
- Large LCD with white LED back light displays







2. KEY DESCRIPTIONS



Keys	Description
	Power turn ON/OFF
	Set the Zero Display
	To perform a tare function, Subtracts weights.
	Accumulator key, current values will store to the memory, To send the data to printer or PC
	Shift to Gross / Net Weight.
	Counting
	To change the unit

CH-

- Press  until display will be show *P 2 n0d* (These is a switch on the main board you need to press it then can into the parameter)
- Press  key to confirm and press  to select *S iGr IdUAL*
1 IdUAL 2
- Press  key to confirm and press  to select *CAL*
- Press  key to confirm



Calibration *CAL*

- Press  key to enter calibration, display will be show *UnLd*
- Remove all the weight from the platform.
- When indicator get stable, press  key to confirm.
- Display will be show the last calibration weight. If want to change the calibration weight value, press  and  keys to change the active digits and press  key to increment the value.
- When the calibration value is correct, press  key to confirm.



- After select the auto off option press  key to confirm and press  key to escape from the settings.

3.8. Set Back Light

It can set back light when scale in use.

- Hold  key three seconds display will show *SEtBL*
- Press  key to confirm

<i>SEtBL</i>	<i>RU</i>	To set auto option. When start to use back light will be on and when stop the operation back light also will off.
	<i>on</i>	To set always on. After turn on the power, back light also will be on.
	<i>oFF</i>	To set back light turn off. No back light in the operations







- After select the back light option press  key to confirm and press  key to escape from the settings.

4. Calibration


To set calibration, turn on the scale.

- Press  key during the self checking. Display will be show *Pn*
- Press  ,  and  to enter, display will be show *Po*

SECONDARY FUNCTIONS OF THE KEYS

Function	Keys
To confirm the selected menu	
To change the menu and to increase the active digit	
To move the active digit to right	
To move the active digit to left	
To enter in to the menu	
Escape from the menu to normal operation.	

Display

Display	Description
STABLE	Indicate when the scale get stable
ZERO	Indicate when the scale in Zero
TARE	Indicate when the scale in Tare
NET	Indicate when the scale in Net mode.
GROSS	Indicate when the scale in Gross mode
kg	Indicate when the scale in Kilogram (kg) unit
pcs	Indicate when the scale in counting
%	Indicate when the scale in percent
	Indicate when the battery charge is getting low
Hold	Indicate when the scale in Hold mode
Auto	Indicate when the scale in Auto

3. OPERATION

3.1. Basic Operation


1. Power On/Off:

Switch on the balance by pressing on/ off key.


The display is switched on and the test is started and if want to switched off, press again the key.



2. Zero

Environmental conditions can lead to the balance exactly zero in spite of the platform not taking any strain. However, you can set


the display of your balance to zero any time by pressing  key and therefore ensure that the weighing starts at zero.

3. Tare

The weight of any container can be tared by pressing  button so that with subsequent weighing the net weight of the object being weighed is always displayed.

- Load weight on the platform.
- Press  key. Zero is displayed, and tare is subtracted.
- Remove weight on the platform. Tared weight is displayed. It can set only one tare value. It will be shown with a minus value.
- Press G/N to change between gross weight and net weight.
- To clear the tare value, remove the load and press  key. Zero is displayed, tare weight is cleared.

4. Select Unit and Sampling operation




Press  key, it can change unit and sampling operation.

3.6. Keyboard Lock

It can set lock key board, for settings, see the parameter *P3 oLk » Lck*





When the keys are not using with in 10 minutes, the keys will be lock automatically.

After entering into the lock function, when we press the keys display will be show *L-Lck*. Then will come to normal display.

If want to unlock and want to use the keys press and hold  ,  and  keys three seconds. Display will be show *U Lck* Then will come to normal display

3.7. Set auto power off


It can set auto power of the scale, when scale not in use, scale will turn off after the setting time.

- Hold  key three seconds display will show *SEt bL*
- Press  key to change *SEt oF* and press  key to confirm
- Press  key to change the options.

<i>SEt oF</i>	<i>oFF</i>	To set auto off function turn off, for scale always on
	<i>oF 5</i>	Set to turn off five minutes later
	<i>oF 15</i>	Set to turn off fifteen minutes later


3.4. Parts Counting


To enter the parts counting, press  key and select until display will be show *P 10*

Press  to change the parts quantity.

Options: *P 10 / P 20 / P 50 / P 100 / P 200*

Parts Counting Operation

- Select the parts quantity as per the option
- Place the load on the platform
- Press  key to confirm, display will be shown *----* then will show the quantity
- Then can add goods on the platform, display will update the parts quantity automatically


Press  key back to the weighing mode..

3.5. Animal Weighing

US-2011/US-2011SS can use for vibrate loads weigh. This function can use for animal weighing. For settings, see the parameter *P 3 oLH » Anñ*

Bring the load on the platform, when the load few seconds get stable, the reading will be locked for few seconds.

It can add or remove loads also update the weighing locked values.














To enter or exit animal weighing mode, press  key until HOLD indicator will be displayed or not..

When in animal weighing mode **HOLD** indicator will be displayed.





3.2. Check Weighing

It can set an upper or lower limit when weighing with the limits range. During the limit controls dividing the unit will indicate whether a value upper or lower limits with an alarm sound .

1. Set Limits


- Press  and  key together, display will be show *SEt H*
- Press  key to select *SEt H* or *SEt L*
- Press  key to confirm, display will show *00000* and will blink the last digit.
- Enter the high limit value by using  and  keys to change the active digits and press  key to increment the value.
- Press  key to confirm, display will show *SEt L*
- Enter the high limit value by using  and  keys to change the active digits and press  key to increment the value.
- Press  key to confirm.
- To escape from the settings press  key.

2. Set Check Weighing


- Press  and  key together, display will be show *SEt*
H
- Press  key to select display *bEEP*.
- Press  key to confirm, display will be shown *nonE* or *oH*
or *nG*
- **Check mode *nonE*** : No beep sound in the limits. Function turned off.
- **Check mode *oH*** : When the weight is between the limits. OK will shown and beeper will be sounded.
- **Check mode *ng*** : When the weight is out of the limits, the beeper will be sounded and Ok will shown.

Note: Check weighing available only when weight more than 20d

3.3. Accumulation

The scale can be set to accumulate manually by pressing  key. For settings, see the parameter *P 1 Coñ » ñodE » Pr 2*
Before operation scale should be stable and return to zero, accumulation available only when weight more than 20d

Accumulation Operation

- Place the load on the platform.
- Press  key, when displayed STABLE indication.
- Display will be show *ACC 1* then will be show the total saved value. These displays will be shown only three seconds.
- Remove the weight from the pan.

- When display get zero and stable then place the second weight.
- It can continue until the memory gets fully or 99 items.

1 Memory Recall

To recall the memory press  key.

Display will be show *ACC X* (X: Total number of accumulation) then will be show the total saved value. These displays will be shown only three seconds.

2. Memory Clear

To clear the memory, press  and  keys together.

Display will be show *ACC 0* , all accumulation memory cleared from the memory.

3. Automatically accumulation.

The scale can be set to accumulate automatically. For settings, see the parameter *P 1 Coñ » ñodE » AUto*

Automatic Accumulation Operation

- Place the load on the platform.
- When display gets STABLE indication, display will be show *ACC 1* then will be show the total saved value. These displays will be shown only three seconds.
- Remove the weight from the pan.
- When display get zero and stable then place the second weight.
- It can continue until the memory gets fully or 99 items.