Eagle®
SINCE 1918
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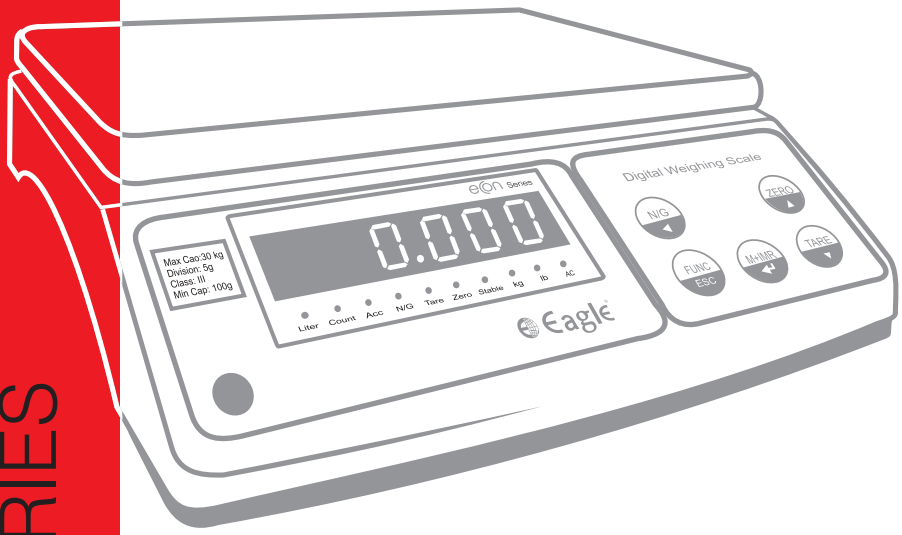
eon SERIES



USER GUIDE Version 02

Please read this User Guide for Installation Instructions,
Weighing Scale Usage and Warranty policy
before using the product.

INDEX

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Fax : + 91 - 20 - 30418126. Email : sales@egkantawalla.com

Chapter 1. Gratitude

Thank you for purchasing EAGLE ECON Series Digital Weighing Scale!

ECON Series Digital Weighing Scales are high performance and economical, that we confidently recommend based on our 97+ years of experience in the weighing field. While these models are of course capable of fast and accurate weighing, ECON Series Digital Weighing Scales all use high precision load cells and highly reliable electronics that EAGLE has developed for Weighing Scale since 1987.

ECON Series Digital Weighing Scales are unique, newly developed and robust thus improving the reliability even further.

ECON Series Digital Weighing Scales also feature operation keys for four directions thereby making it convenient and making the scales far more user friendly.

ECON Series Digital Weighing Scales have been packed with a variety of functions to suit almost all applications. Counting Function, Liter Conversion, Password Protected Unit Conversion, Weight Accumulation Function up to 999999, Selectable Display Speed, Auto Tare, Peak Hold, Auto Sleep, Zero Locking Counts and Stable Time Setting are standard functions on ECON Series Digital Weighing Scales.

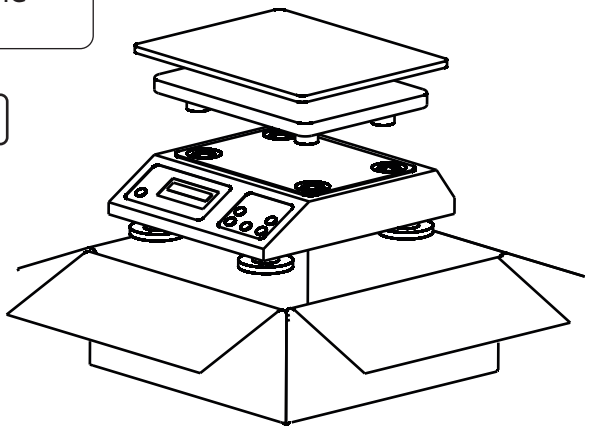
ECON Series Digital Weighing Scales are connectable devices and can be easily interfaced to any computer for transferring of the weight data. Communications protocols, speed of transmission and mode of transmission is user selectable and built in as standard function. User may require dedicated computer software which shall have to be purchased separately.

To ensure that you can make full use of the performance and functions of your ECON Series Digital Weighing Scales, we suggest that you take some time to read this user guide carefully and use the scale correctly in accordance with the directions in the guide. When you have finished reading the guide, keep it in a safe place so that you can refer to it at any time.

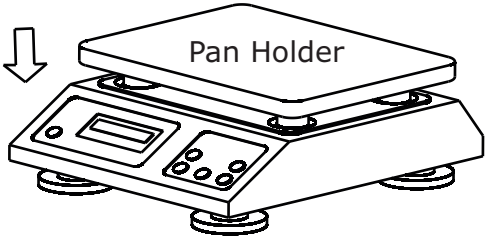
For any other support or information with regards product warranty and after sales service do not hesitate to contact us – we will be happy to help.

Chapter 2. Table Top Scale Assembly/Installation Instructions

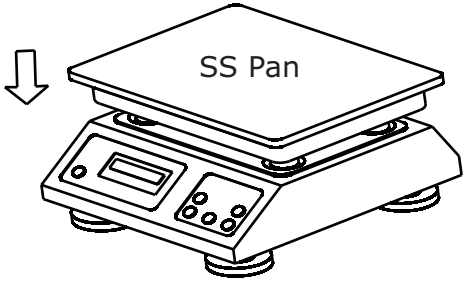
1 Remove scale from the carton.



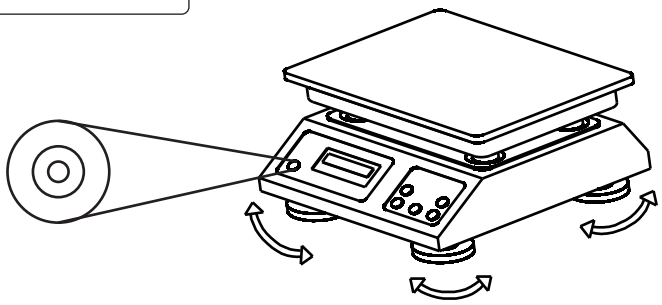
2 Fix pan holder in place.



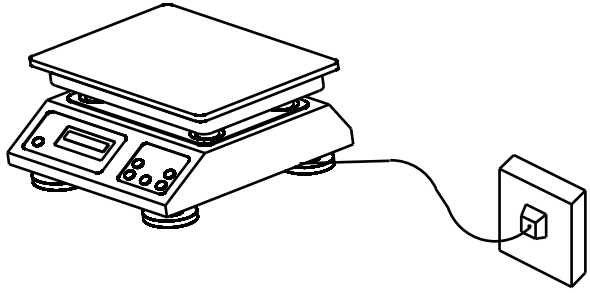
3 Place SS pan on the pan holder.



4 Level the scale by adjusting 4 leveling legs.



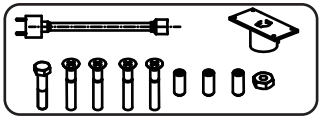
5 Connect power cord to indicator and plug power supply to wall outlet.



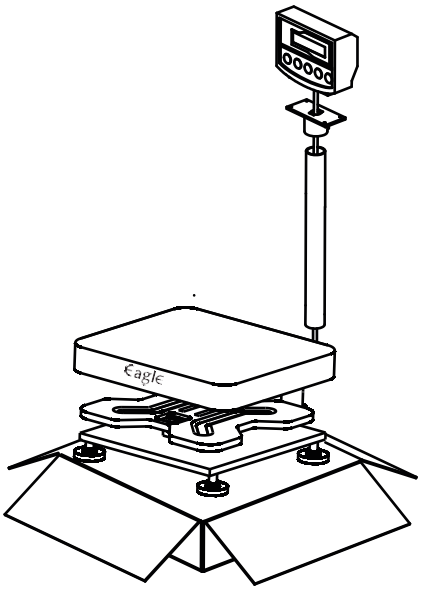
Chapter 3. Baby Bench Scale Assembly/Installation Instructions (280 x 280 mm)

(280 x 280 mm)

1 Remove scale assembly from the carton.

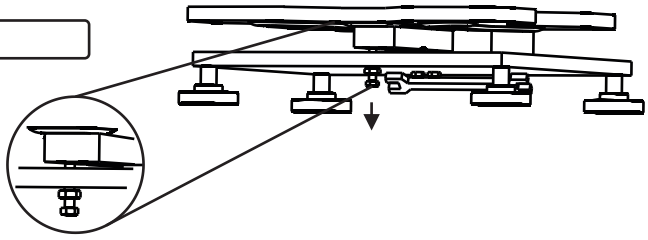


	3 mm
	Star Screw Driver
	11 and 20 mm

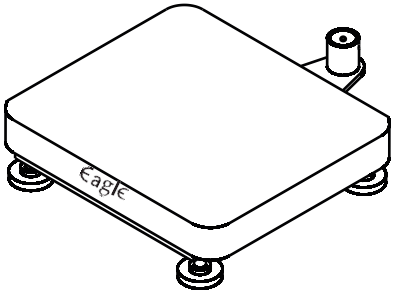


2 Unlock the transport lock.

	11 mm



3 Place pan on the frame.

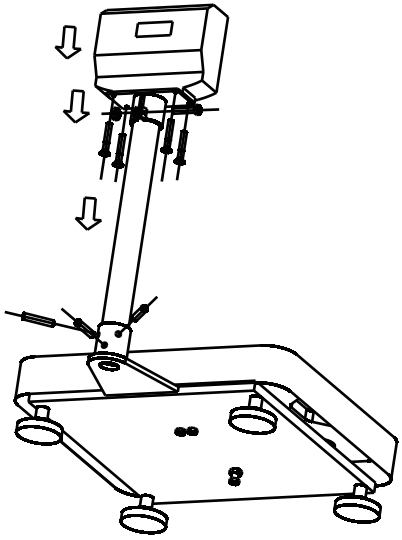


Baby Bench Scale Assembly/Installation Instructions (280 x 280 mm)

4

- Insert pole in to the base and tighten with allen grub screws.
- Fix the indicator bracket to pole and tighten it.
- Fix indicator on bracket.

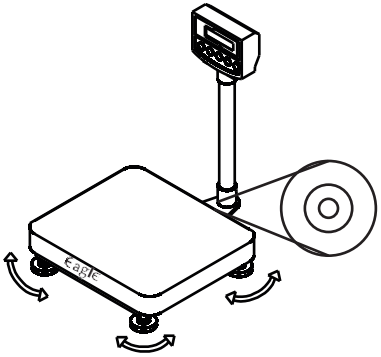
	3 mm
	Star Screw Driver
	11 mm



5

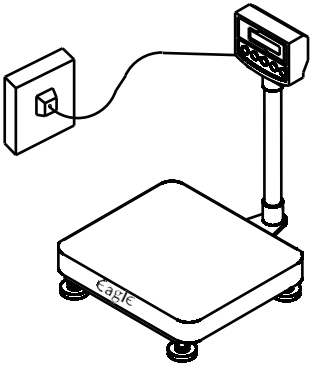
Level the scale by adjusting the 4 leveling feet.

	20 mm



6

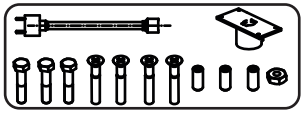
Connect power cord to indicator and plug power supply to wall outlet.



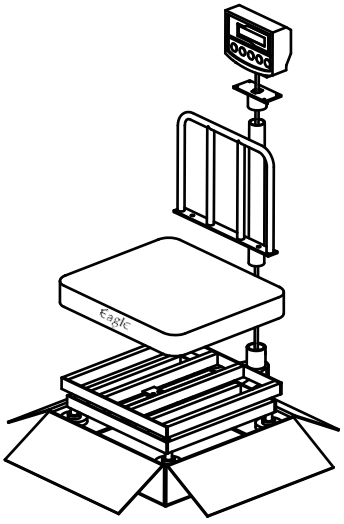
Chapter 4. Bench and Platform Scale Assembly/Installation Instructions (300 x 300 mm to 600 x 600 mm)

(300 x 300 mm, 300 x 400 mm, 350 x 450 mm, 400 x 400 mm, 500 x 500 mm and 600 x 600 mm)

1 Remove scale assembly from the carton.

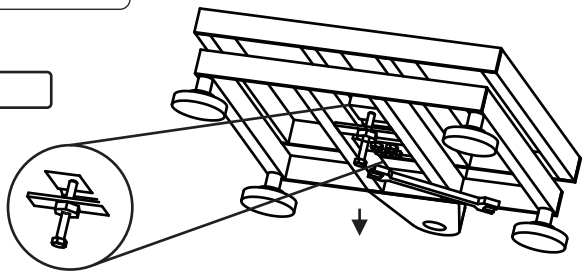


	3 mm
	Star Screw Driver
	11, 14 and 20 mm



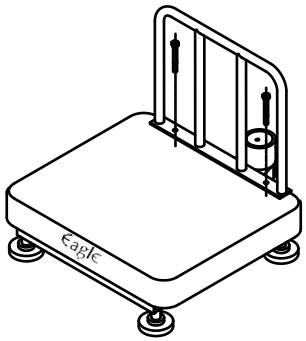
2 Unlock the transport lock.

	11mm



3 Place pan on the frame and fix the backrail on the top frame.

	14 mm

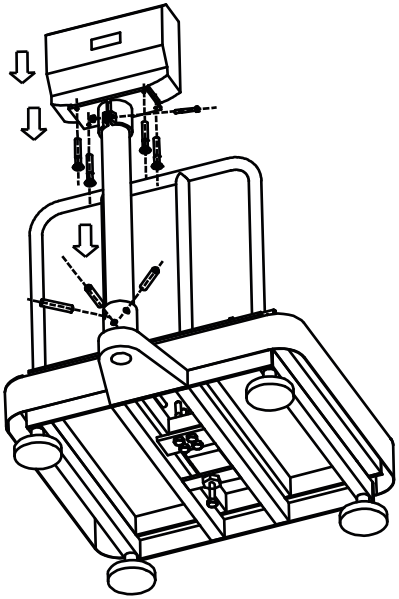


Bench and Platform Scale Assembly/Installation Instructions (300 x 300 mm to 600 x 600 mm)

4

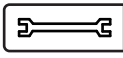
- Insert pole in to the base and tighten with allen grub screws.
- Fix the indicator bracket to pole and tighten it.
- Fix indicator on bracket.

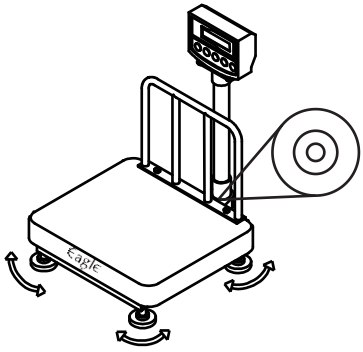
	3 mm
	Star Screw Driver
	11 mm



5

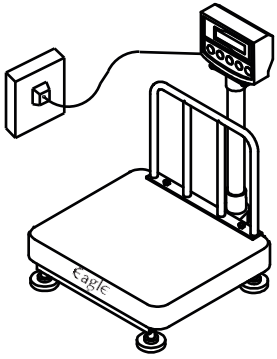
Level the scale by adjusting the 4 leveling feet.

	20 mm



6

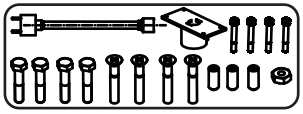
Connect power cord to indicator and plug power supply to wall outlet.



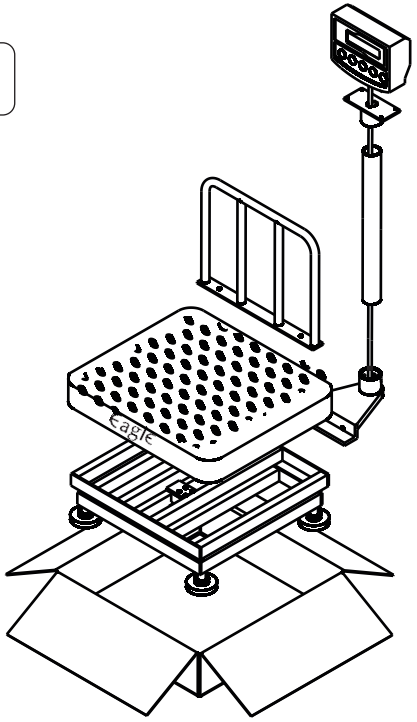
Chapter 5. Platform Scale Assembly/Installation Instructions (750 x 750 mm)

(750 x 750 mm)

1 Remove scale assembly from the packaging.

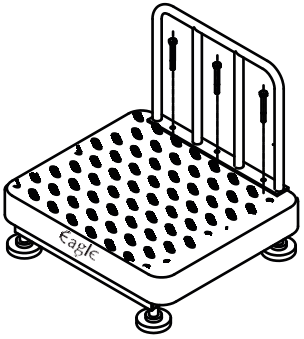


	3 and 5 mm
	Star Screw Driver
	11,14 and 24 mm



2 Place pan on the frame and fix the backrail on the top frame.

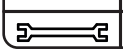
	14 mm

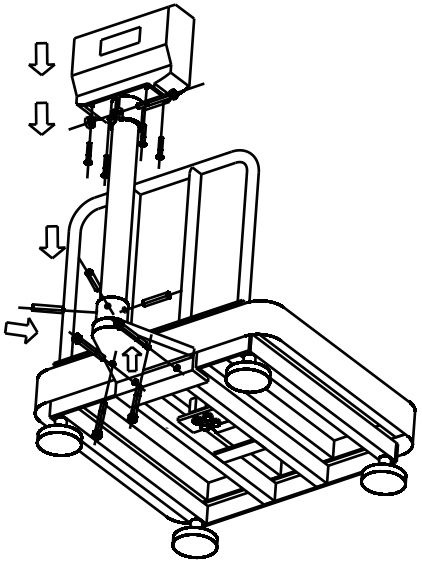


Platform Scale Assembly/Installation Instructions (750 x 750 mm)

4

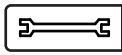
- Fix pole holder in to the bottom frame and tighten allen bolts.
- Fix the bottom plate of pole holder.
- Insert pole in to the pole holder and tighten with allen grub screws.
- Fix the indicator bracket to pole and tighten it.
- Fix indicator on bracket.

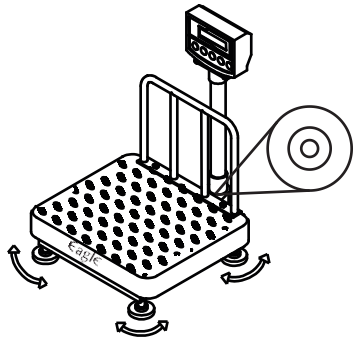
	3 and 5 mm
	Star Screw Driver
	11 mm



5

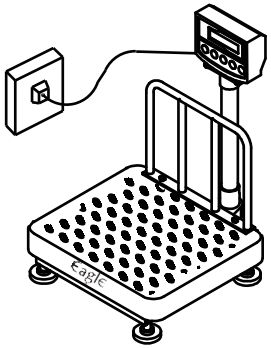
Level the scale by adjusting the 4 leveling feet.

	24 mm



6

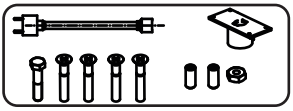
Connect power cord to indicator and plug power supply to wall outlet.



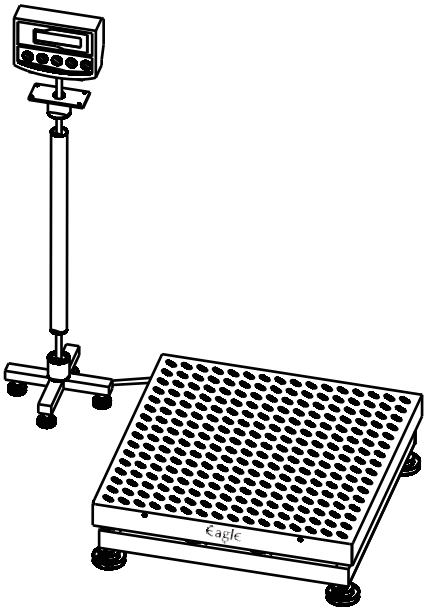
Chapter 6. Platform Scale Assembly/Installation Instructions (1000 x 1000 mm)

(1000 x 1000 mm)

1 Remove scale assembly from the packaging.



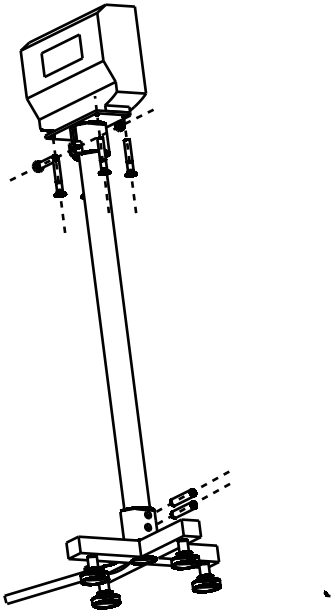
	3 mm
	Star Screw Driver
	11 and 24 mm



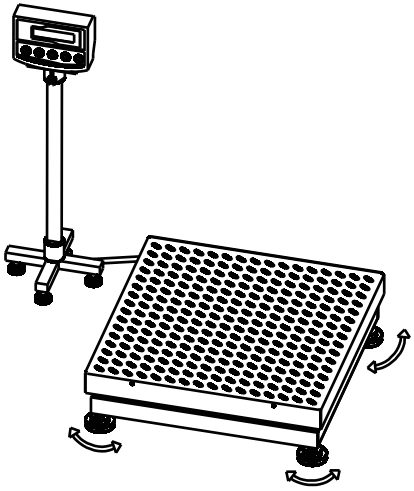
2

- Insert pole in to base of X-stand and tighten with allen grub screws.
- Fix the indicator bracket to the pole and tighten it.
- Fix indicator on bracket.

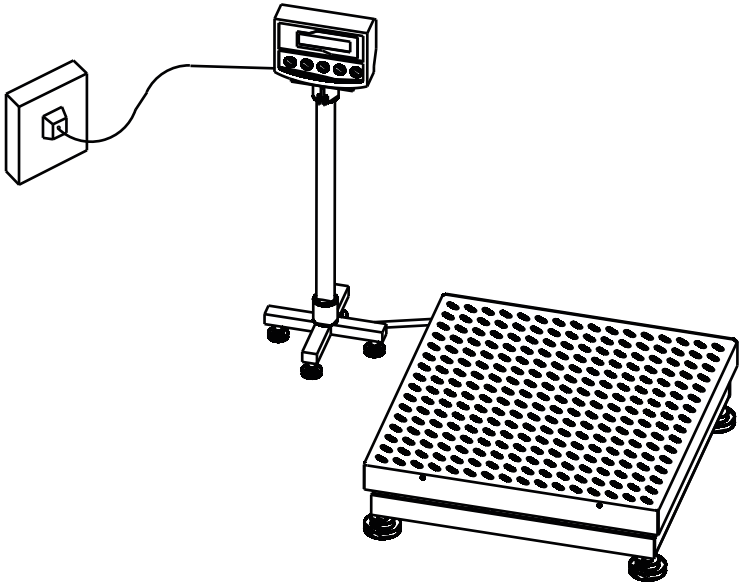
	3 mm
	Star Screw Driver
	11 mm



3 Level the scale by adjusting the 4 leveling feet.



4 Connect power cord to indicator and plug power supply to wall outlet.



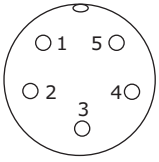
Chapter 7. Technical Specifications and Connection

Technical Specifications:

1. Series	- ECON Series
2. Serial communication interface	- RS - 232 signal
3. Transmission distance	- Less than 20 m
4. Power supply	- AC 240V;50Hz (+2%~-2%)
5. Operating temperature	- (-10°C to 50°C)
6. Relative humidity	- Less than 95% RH
7. Internal Resolution	- 2 Million

Connections:

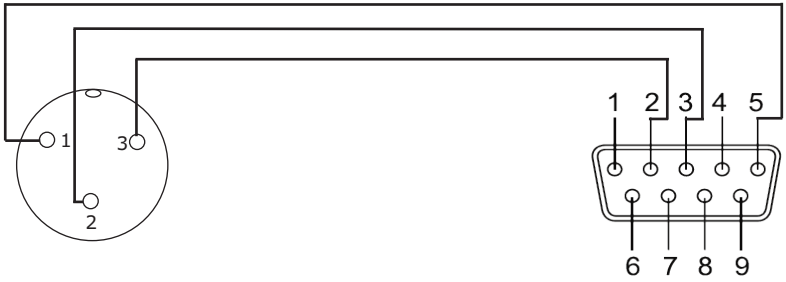
Load Cell Connection



Pin 1	>>>>>Supply +	(Red)
Pin 2	>>>>>Supply -	(Black)
Pin 3	>>>>>Signal +	(Green)
Pin 4	>>>>>Signal -	(White)
Pin 5	>>>>>Shield	

RS-232 Cable Connection

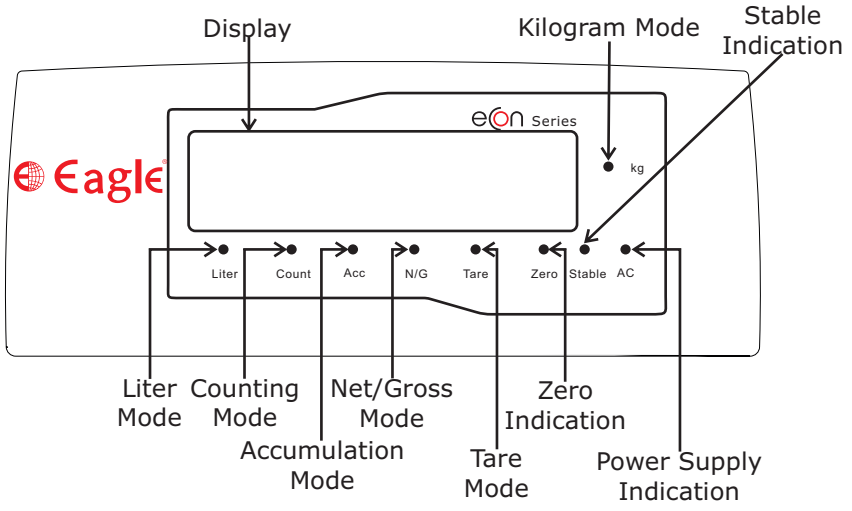
Scale End (3 Pin Round Connector) PC End (DB9 Female Connector)



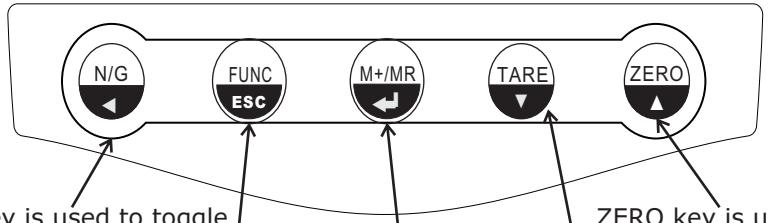
(GND)	Pin	1	>>>>>	Pin	5	(GND)
(Tx)	Pin	3	>>>>>	Pin	2	(Rx)
(Rx)	Pin	2	>>>>>	Pin	3	(Tx)

Baud Rate	:	1200, 2400, 4800 and 9600 (User selectable in user parameter setting)
Data Bits	:	8
Parity Bit	:	None
Stop Bit	:	1

Chapter 8. Front Panel And Key Operation



Note: 'Lb' function given on the overlay is not in use.



N/G key is used to toggle between Net and Gross Weight. It is also used as left shift key.

M+/Mr key is used to accumulate the weight. It is also used as enter key.

ZERO key is used to zero the weight on the pan. It is also used as increment key.

FUNC key is used to enter in to counting mode. It is also used as escape key.

TARE key is used to tare the weight on the pan. It is also used as decrement key.

Chapter 9. Scale Functions

a. Counting Function: User can count the items having identical weight on the scale. The scale has 6 fixed sample sizes they are 10, 20, 50, 100, 200 and 500 pieces. To enter into the counting mode press the [Func] key once. The display will show S 0 You are now in counting mode.
When the [Func] Key is repeatedly pressed the display alternates between the following:

1. S 0 – this mode is for going back to weight mode from the counting mode.
2. S cnt – this mode is for going back to count mode using the last sample weight.
3. S 10 – this mode is for selecting sample size of 10 pieces.
4. S 20 – this mode is for selecting sample size of 20 pieces.
5. S 50 – this mode is for selecting sample size of 50 pieces.
6. S 100 – this mode is for selecting sample size of 100 pieces.
7. S 200 – this mode is for selecting sample size of 200 pieces.
8. S 500 – this mode is for selecting sample size of 500 pieces.

Using the Counting Mode:
1. Place the counted samples on the pan making sure they are as per the sample sizes available.
2. Press [Func] key the display will show S 0. (e.g. If the samples kept on the pan are 10 nos then select S 10 based on the sample quantity placed select the sample size on the display)
3. Press [Func] key again to change the option and select S 10
4. Press [M+/MR] key for the confirmation.

After pressing the conformation key the scale will calculate the unit weight and go in to Counting Mode. now the display will show the number of samples on the scale in this case it will be 10. The scale is now ready to count.

Caution: Counting is done on weight basis hence weight of the sample needs to be identical else you will observe variations in pieces.

To Escape form Counting Mode:
1. Press [Func] key the display will show S 0
2. Press [M+/MR] key again to escape from counting mode to weighing mode.

If the scale is switched off and on while it is in counting mode, it will by default start in weighing mode. However the last sample size is retained in memory.

To Recall Previous Counting Mode:
1. Press [Func] key the display will show S 0
2. Press [Func] key again to change the option to select S Cnt
3. Press [M+/MR] key for the confirmation.

After pressing confirmation key the scale will recall the previously calculated Unit Weight and display the number of pieces based on previous unit weight.

b. Weight Accumulation: When scale is in weighing mode press [M+/MR] key the accumulation of displayed weight will be done. On releasing the [M+/MR] key the display will show Add xxx where xxx = number of times the weight has been accumulated for 1 sec and then accumulated weight for 2 sec then the scale will come back to weighing mode.

To view the accumulated weight:
Press [M+/MR] key in zero mode (that is when no weight on the scale i.e. 0.000) the display will show Add xxx for 1 sec and then flash the accumulated weight three times and then the display will return back to weighing mode.

To clear the accumulated weight:
Press [M+/MR] key in zero mode (that is when no weight on the scale i.e. 0.000) the display will show Add xxx for 1 sec and then flashes the accumulated weight. During the flashing of the accumulated weight press [ZERO] key this will clear the accumulated weight as well as the times accumulated from the memory and reset it.

The accumulation of weight will not happen when weight is in negative. If the user tries to accumulate the negative weight the display will show Err-or

If the accumulated weight exceeds the display configuration as per model then the decimal point will shift to the right enabling the scale to accumulate further (refer to example given below). This shifting of the decimal will happen till such time as the accumulated weight total reaches 999999. If the user tries to accumulate the weight data such that the next addition is going to be greater than 999999 then in such case the scale will display tot-of indicating that the scale has reached maximum accumulation capacity of weight and no further accumulation can be done.

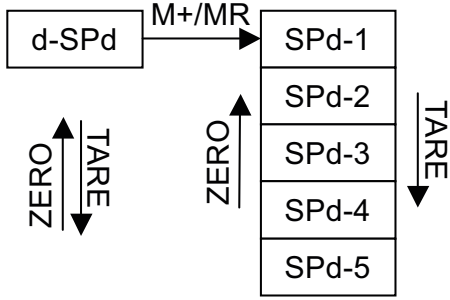
Example : If the user is using a scale of 60 kg with accuracy of 5 g and they have already added in memory weight whose total is 980.655 kg and wish to add 30.550 kg then on pressing the [M+/MR] key the display will display accumulated weight as 1011.20 kg.

When the accumulated number of times has reached 999 and if the user tries to accumulate another weight data the display will prompt by displaying Add-of indicating that the scale has reached maximum accumulation capacity of 999 and no further accumulation can be done.

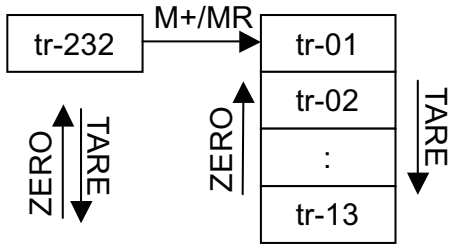
Chapter 10. User Parameters Setting

In weighing mode, keep [FUNC] key pressed for 5 sec, it will enter user setting mode, press [M+/MR] to choose the mode, press [TARE] to move forward and press [ZERO] to move reverse in the parameter menu. Pressing the [FUNC] key will make you escape to previous menu. The description of parameters are as follows:

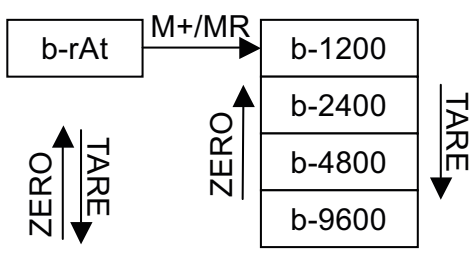
a. Display Speed Selection



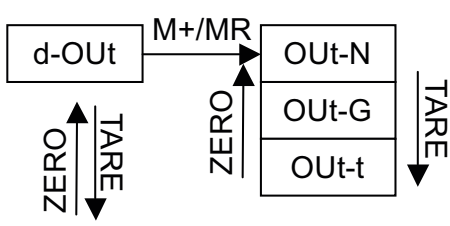
b. Data format on RS-232



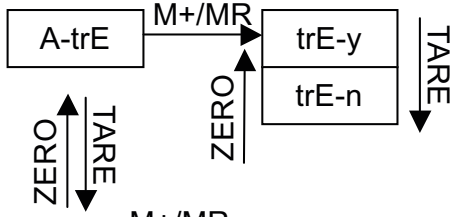
c. Baud Rate Selection



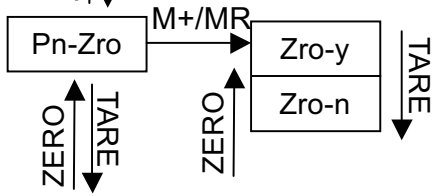
d. RS-232 output data



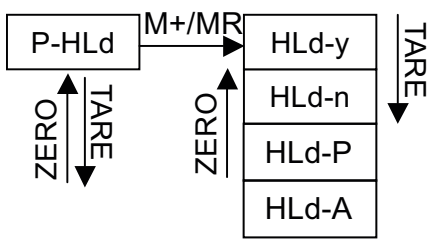
e. Auto Tare function



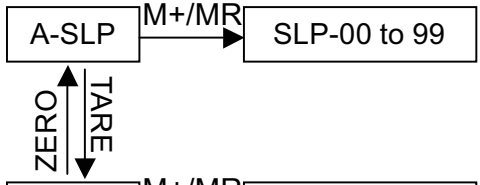
f. Power ON Zero function



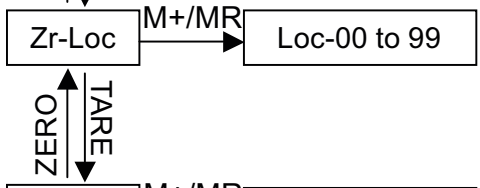
g. Peak Hold Function



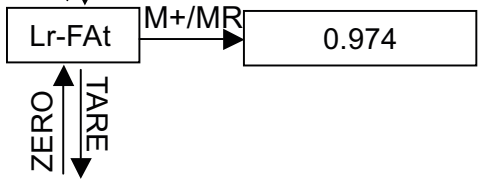
h. Auto Sleep Time



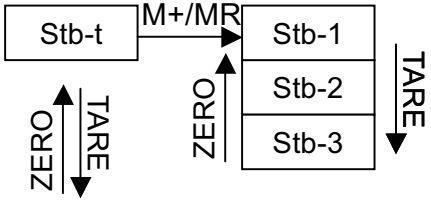
I. Zero Lock Counts



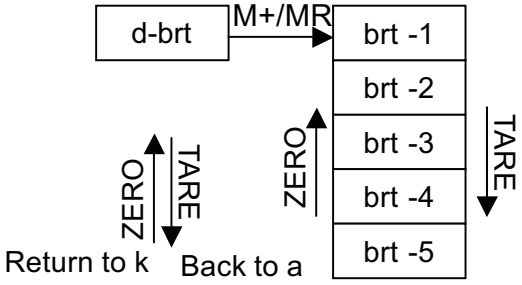
j. Liter Conversion Factor



k. Stable Time



l. Display Brightness



a. Display Speed Selection d-SPd - The scale has 5 different display update speeds. SPd-1 is the fastest and SPd-5 is the slowest speed.

To set Display Speed:
a. Enter in to User Parameter Setting Mode until the display shows d-SPd indicating Display Speed Selection.
b. Press [M+/MR] key display will show the last speed selected if being done for the first time display will display SPd-3.
c. Using [TARE] or [ZERO] key toggle between SPd-1 to SPd-5.
d. Once the desired speed required is displayed press [M+/MR] key to confirm the selection.
e. Use [FUNC] key to escape from selection.

Note: Pressing [FUNC] key at any time (without pressing [M+/MR]) key will bring you back to display Speed Selection menu. The scale will retain the previously selected display update speed.

b. RS-232 Data Format tr-232 - The scale has been programmed with 4 different types of data transmission strings and 3 different types of transmission modes which are most commonly used for communication with computer. The 13 different formats of communication are explained in the table below.

Transmission Modes / Formats	Weight	Sign+ Weight	Weight+ Unit	Sign+Weight+ Unit
On Pressing COUNT Key	=002.000 [tr-01]	=+002.000 [tr-02]	=002.000kg [tr-03]	=+002.000kg [tr-04]
Continuous Transmission	=002.000 [tr-05]	=+002.000 [tr-06]	=002.000kg [tr-07]	=+002.000kg [tr-08]
On command "$" from computer	=002.000 [tr-09]	=+002.000 [tr-10]	=002.000kg [tr-11]	=+002.000kg [tr-12]

tr-13 - this mode of transmission is used to connect the indicator to EAGLE scoreboard sold separately.

Example : If the selected data transmission format is tr-01 then data will be transmitted when print command is given by pressing the [N/G] and [FUNC] keys simultaneously on the scale and in the format (=002.000) weight only.

Note: Every time when weight is transmitted the starting character "=" is always kept common for all modes and formats.

Transmission to the computer can be done in 3 different ways as explained below :

a. Continuous Transmission – In this mode the displayed data is continuously transmitted through the RS232 port. The format of transmission will depend upon the selection done in the user menu under tr-232.

b. Transmission On Print Command – In this mode the displayed data will be transmitted only once the print command is given (by pressing [N/G] and [FUNC] keys simultaneously) through the RS232 port. The format of transmission will depend upon the selection done in the user menu under tr-232.

c. Transmission On Request From Computer – In this mode the displayed data will be transmitted only through the RS232 port once the data request is received from the computer. The format of transmission will depend upon the selection done in the user menu under tr-232.

From the computer the user can control the scale for the below mentioned functions: using the Z, T and $ character.

Z Command – The scale will be ZEROED.
T Command – The scale will Tare the weight displayed on the display.
$ Command – The scale should send data to PC – In this case also the displayed weight shall be transmitted.

To set RS-232 Data Format:

a. Enter in to User Parameter Setting Mode until the display shows tr-232 indicating RS232 Data Format Selection.

b. Press [M+/MR] key display will show the last selected transmission format. If being done for the first time display will display tr - 08

c. Using [TARE] or [ZERO] key toggle between tr-01 to tr-13.
d. Once the desired transmission type required is displayed press [M+/MR] key to confirm the selection. Now the display will show b- rAt
e. Press [FUNC] key once to escape from user menu selection into weighing mode.

Note: Pressing [FUNC] key at any time (without pressing [M+/MR]) key will bring you back to data transmission format selection menu. The scale will retain the previously selected data transmission format.

c. Baud Rate Selection – The scale has 4 different types of baud rates for transmission of the displayed data to the computer. These are user selectable from the user menu as explained below.

To set Baud Rate:
a. Enter in to User Parameter Setting Mode until the display shows b-rAt indicating Baud Rate Selection.
b. Press [M+/MR] key display will show the last selected transmission format. If being done for the first time display will display b-9600
c. Using [TARE] or [ZERO] key toggle between b-1200 to b-9600
d. Once the desired baud rate type required is displayed press [M+/MR] key to confirm the selection. Now the display will show d-OUt
e. Press [FUNC] key once to escape from user menu selection into weighing mode.

Note: Pressing [FUNC] key at any time (without pressing [M+/MR]) key will bring you back to baud rate selection menu. The scale will retain the previously selected baud rate.

d. RS-232 Output Data – The scale has 3 data available on RS-232 as explained below.

To set RS-232 Output Data:
a. Enter in to User Parameter Setting Mode until the display shows d-OUt indicating Baud Rate Selection.
b. Press [M+/MR] key display will show the last selected data output format. If being done for the first time display will display OUt-n
c. Using [TARE] or [ZERO] key toggle between OUt-n to OUt-t
d. Once the desired data output type required is displayed press [M+/MR] key to confirm the selection. Now the display will show A-trE
e. Press [FUNC] key once to escape from user menu selection into weighing mode.

Note: Pressing [FUNC] key at any time (without pressing [M+/MR]) key will bring you back to data output selection menu. The scale will retain the previously selected baud rate.

e. Auto Tare **A-trE** **-** The scale has Auto Tare function as explained. When weight is non-zero and stable for 2 sec the scale will automatically TARE that weight only once. TARE will be immediately removed once the scale displays a negative value.

Example : When an empty container is kept on the scale and the auto tare function has been enabled. The scale will within 2 seconds automatically TARE the weight and display 0.000 on the display. The filling of the container can begin by the operator and once the container has been filled to the desired weight and lifted off, the scale will display the weight in negative to the extent of the weight of the empty container which was initially placed on the scale. The scale will now immediately clear the tare value from the memory and get the scale ready for the next weighments cycle.

To set Auto Tare:
a. Enter in to User Parameter Setting Mode until the display shows A-trE indicating Auto Tare Selection.
b. Press [M+/MR] key display will show the last selected selection. If being done for the first time display will display trE-n
c. Using [TARE] or [ZERO] key toggle between trE-n to trE-y
d. Once the desired selection required is displayed press [M+/MR] key to confirm the selection. Now the display will show Pn-ZrO
e. Press [FUNC] key once to escape from user menu selection into weighing mode.

Note: Pressing [FUNC] key at any time (without pressing [M+/MR]) key will bring you back to auto tare selection menu. The scale will retain the previously selected selection.

f. Power ON Zero **Pn-Zro** **-** The Scale has Power ON Zero function. Power On Zero means zeroing the weight on the scale during power on. However it should be noted that only the weight which is equal to or less than 20 % of scale capacity and placed on the scale before switching on the scale will be zeroed out. If the weight is greater than 20 % of scale capacity then scale will display **Err 20** and cannot be used. The excess weight will have to be removed off before being able to use the scale.

There are specific applications where the users may require that the weight (irrespective of the value to the capacity) be displayed once the scale is switched on or reset due to power failure. In these cases the power on function will need to be switched off.

a. ON Zro-y - Power On Zero function is on.
b. OFF Zro-n - Power On Zero function is off.

To set Power ON Zero:
a. Enter in to User Parameter Setting Mode until the display shows Pn-ZrO indicating Power On Function Selection.
b. Press [M+/MR] key display will show the last selected selection. If being done for the first time display will display Zro-y
c. Using [TARE] or [ZERO] key toggle between Zro-y and Zro-n
d. Once the desired selection required is displayed press [M+/MR] key to confirm the selection. Now the display will show P-HLd
e. Press [FUNC] key once to escape from user menu selection into weighing mode.

Note: Pressing [FUNC] key at any time (without pressing [M+/MR]) key will bring you back to power on function selection menu. The scale will retain the previously selected selection.

g. Peak Hold P-HLd – by using this function the user can retain he maximum peak weight reached for each weighments – use HLd-y selection for this application.
In some specific cases the user may wish to have progressive peak hold retained until such time as the user wishes – use HLd-P selection for this application.

a. ON HLd-y – Scale will keep flashing the max weight once reached on display until [ZERO] key is pressed. Before pressing the [ZERO] key user is required to ensure that there is no weight on the pan/platform of the scale.
b. OFF HLd-n - Peak Hold is off, scale will function as a standard scale in this mode.
c. Progressive HLd-P – Scale will retain the peak weight until such time as it is surpassed by a greater weight which it will then retain in memory. It will retain the peak weight until such time as a greater weight is placed or the weight is completely lifted of the scale and the zero key is press to reset the peak hold.
d. Animal Weighing HLd-A - Enabling this function will help the user to weigh the live animal on the scale. This function display the weight with average of multiple weights during the movement of live animal.

To set Peak Hold:
a. Enter in to User Parameter Setting Mode until the display shows P-HLd indicating Peak Hold Function Selection.
b. Press [M+/MR] key display will show the last selected selection. If being done for the first time display will display HLd-n
c. Using [TARE] or [ZERO] key toggle between HLd-y, HLd-P, HLd-A and HLd-n.
d. Once the desired selection required is displayed press [M+/MR] key to confirm the selection. Now the display will show A-SLP
e. Press [FUNC] key once to escape from user menu selection into weighing mode.

Note: Pressing [FUNC] key at any time (without pressing [M+/MR]) key will bring you back to peak hold function selection menu. The scale will retain the previously selected selection.

h. Auto Sleep Time A-SLP - The scale has intelligent auto sleep function. User can by themselves select the time after which the scale needs to go in to auto sleep mode. The range of selection is from 01 to 99 minutes. Based on the time selected the scale will go in to auto sleep mode and shut down the major power consuming components there by increasing the battery usage time. The scale will **ONLY** go in auto sleep mode if the scale is on zero weight. The scale will go in auto sleep mode by displaying a single 0 on the display.
Note: if auto sleep time is 00 then scale will never go into sleep mode.
To set Auto Sleep Time:
a. Enter in to User Parameter Setting Mode until the display shows A-SLP indicating Auto Sleep Mode Selection.
b. Press [M+/MR] key display will show the last selected selection. If being done for the first time display will display SLP-01
c. Using [TARE] key to decrease the number from 1 to 0 or use [ZERO] key to increase the number from 1 to 5 set the units place digit with the new value of the units place. On reaching the desired value press [N/G] to shift the digit to the left. Now the second digit from the right will be flashing indicating this digit can now be updated with new value.
d. Set second digit value desired to be set as per point c.
e. Once the desired selection required is displayed press [M+/MR] key to confirm the selection. Now the display will show Zr-Loc
f. Press [FUNC] key once to escape from user menu selection into weighing mode.
Note: Pressing [FUNC] key at any time (without pressing [M+/MR]) key will bring you back to auto sleep mode selection menu. The scale will retain the previously selected selection.

i. Zero Locking Zr-Loc **-** The Scale has the function to lock the initial weight readings. In many applications specially where the environment is not conducive for high accuracy weighing machines or there is a large vibration due to heavy machinery or a steady flow of wind where the scale is placed in these situations the zero locking function is of great use. User will be able to lock initial reading to the tune of 01 to 99 division of the scale.

Example : if you have selected 10 and the scale is having division of 500 mg the zero locking will be up to 5g (10 steps of division) and if the division is 2g then the zero locking will be up to 20 g.

To set Zero Locking:
a. Enter in to User Parameter Setting Mode until the display shows Zr-Loc indicating Auto Sleep Mode Selection.
b. Press [M+/MR] key display will show the last selected selection. If being done for the first time display will display Loc-01
c. Using [TARE] key to decrease the number from 1 to 0 or use [ZERO] key to increase the number from 1 to 5 set the units place digit with the new value of the units place. On reaching the desired value press [N/G] to shift the digit to the left. Now the second digit from the right will be flashing indicating this digit can now be updated with new value.
d. Set second digit value desired to be set as per point c.
e. Once the desired selection required is displayed press [M+/MR] key to confirm the selection. Now the display will show Lr-FAt
f. Press [FUNC] key once to escape from user menu selection into weighing mode.
Note: Pressing [FUNC] key at any time (without pressing [M+/MR]) key will bring you back to zero locking selection menu. The scale will retain the previously selected selection.

j. Liter Conversion Factor Lr-FAt **-** The scale has weight to liter conversions function. Here the weight displayed is converted to liter based on the factor entered in the memory. The factor for liter conversion is user programmable however to ensure that no malpractice is done by the user and to safe guard the consumer the factor of conversion is kept under 1 thereby ensuring that the conversion will always result in the lower value then original value.
Note: The conversion factor maximum value allowed is 1.000

To set Liter Conversion Factor:
a. Enter in to User Parameter Setting Mode until the display shows Lr-FAt indicating Liter Conversion Factor Selection.

b. Press [M+/MR] key display will show the last selected selection. If being done for the first time display will display 0.974 with the digit 4 flashing indicating that this digit can now be updated with new value.
c. Using [TARE] key to decrease the number from 4 to 3 or use [ZERO] key to increase the number from 4 to 5 set the units place digit with the new value of the units place. On reaching the desired value press [N/G] to shift the digit to the left. Now the second digit from the right will be flashing indicating this digit can now be updated with new value.
d. Set all the 4 digits displayed with the value desired to be set as per point c.
e. Once the desired value has been entered and is being displayed press [M+/MR] key to confirm the value. Now the display will show Stb-t
e. Press [FUNC] key once to escape from user menu selection into weighing mode.

Note: Pressing [FUNC] key at any time (without pressing [M+/MR]) key will bring you back to liter conversion factor menu. The scale will retain the previously selected value for conversion.

k. Stable Time Stb-t – The scale has 3 selection for Stable time as explained below.

Stb-1: Slowest Stable Time – means that the scale will take the more time for the scale to show the stable LED.
Stb-2: Medium Stable Time – means that the scale will take the medium time for the scale to show the stable LED.
Stb-3: Fastest Stable Time – means that the scale will take the least time for the scale to show the stable LED.

To set Stable time:
a. Enter in to User Parameter Setting Mode until the display shows Stb-t indicating Stable Time Selection.
b. Press [M+/MR] key display will show the last selected selection. If being done for the first time display will display Stb-2
c. Using [TARE] or [ZERO] key toggle between Stb-1 to Stb-2.
d. Once the desired selection required is displayed press [M+/MR] key to confirm the selection. Now the display will show d-SPd
e. Press [FUNC] key once to escape from user menu selection into weighing mode.

Note: Pressing [FUNC] key at any time (without pressing [M+/MR]) key will bring you back to stable time selection menu. The scale will retain the previously selected selection.

I. Display Brightness d-brt- The scale has 5 different display brightness setting. brt-1 is the highest display brightness and brt-5 is the lowest display brightness.

To set Display Brightness:

a. Enter in to User Parameter Setting Mode until the display shows d-brt indicating Display Brightness.

b. Press [M+/MR] key display will show the last display brightness selected if being done for the first time display will display brt-1.

c. Using [TARE] or [ZERO] key toggle between brt-1 to brt-5. While changing from 1 to 2 or 2 to 3 the display brightness changes as per the desired value.

d. Once the desired display brightness is displayed press [M+/MR] key to confirm the selection.

e. Use [FUNC] key to escape from selection.

Note: Pressing [FUNC] key at any time (without pressing [M+/MR]) key will bring you back to Display Brightness Selection menu. The scale will retain the previously selected display brightness.

Important Note:

To Check battery % : To check the battery % press and hold [M+/MR] key during the count down or self test mode. The scale will display the battery % available as bAt 90

To Check Software Version Installed: To check the software version installed in the scale press and hold [N/G] key during the count down or self test mode. The scale will display the software version installed in the scale as v 0.25

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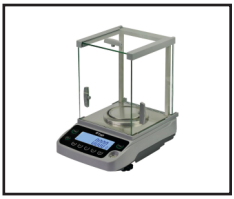


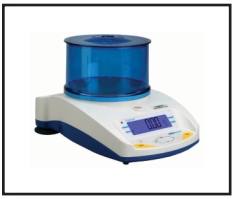
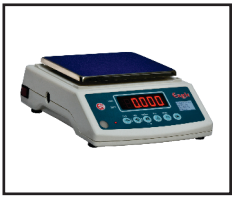
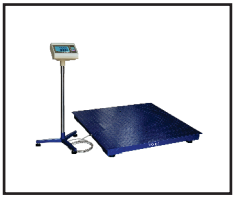


Table Top Scales

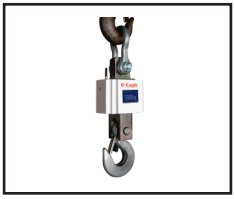


Platform Scales


Hanging Scales

Crane Scales



Pallet Scale

LifeStyle Scales



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Serial No.:

EAGLE Warranty Statement

The EAGLE Electronic Weighing Scale is warranted for a period as specified on this warranty card from the date of purchase. Any defective instrument or its part shall be repaired by E. G. Kantawalla Private Limited (Hereinafter referred to as 'EAGLE') free of charge within the period of warranty subject to the following conditions:

- This warranty card must be duly filled in stamped & signed by the dealer. The card and the relevant invoice must be preserved and produced along with the defective unit.
- Once the defective scale or part is repaired period during the said warranty period, the warranty shall thereafter continue only for the unexpired period to the original warranty.
- This warranty is not valid for
  - Damage resulting from accidents, mishandling, negligence, tampering, unauthorized repair, misuse, neglect, failure to follow instructions, lighting, fire, power flow and acts of God.
  - If the product is used other than under normal use and is not properly serviced and maintained by qualified technicians.
  - If the product is installed or used in combination or in assembly with the products that are not supplied or authorized by EAGLE or are of inferior quality or design than EAGLE supplied products, which may cause reduction or degradation in functionality.
  - If the product is not maintained under proper environmental conditions.
  - Items not purchased from authorized dealers of the company.
  - Batteries (including rechargeable) wherever applicable.
- The defective unit must be delivered and collected at the user's cost from its factory located in Pune India.
- The defective unit must be delivered and collected at the user's cost from its factory located in Pune India.
- While Company or its Authorised Service Dealer will make every effort to carry out repairs under this warranty as soon as possible it is expressly made clear that the company shall not be held liable for any direct or indirect loss to user due to delay in providing this service.
- This warranty excludes every condition/warranty/liability not expressly set out therein. EAGLE shall incur no liability under this warranty.
- Claims, if any to this warranty shall be only made before the courts having jurisdiction in Pune.

DISCLAIMER

EAGLE products are designed to meet diverse applications and deployments. Customer owns responsibility to ensure their application and deployment do not violate local laws. Customer acknowledges understanding all configuration and significance thereof. Customer owns responsibility for adhering to all local weights and measure acts and rules in force from time to time.

Stamp

Signature

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Electronic Weighing Scale

DETAILS

Model No.	
Capacity	
Division	
Serial No.	
Invoice No.	
Date of purchase	
Warranty Period	

Name & Address of dealer :

Designed & Developed by:-

E.G. Kantawalla Private Limited

Survey No. 28/1, Damodar Nagar, Old Nagar Mundhwa Road,
Kharadi, Pune - 411 014.
Tele:- (020) 30418100 Fax :- (020) 30418126
Email:- service@egkantawalla.com
website : www.egkantawalla.com