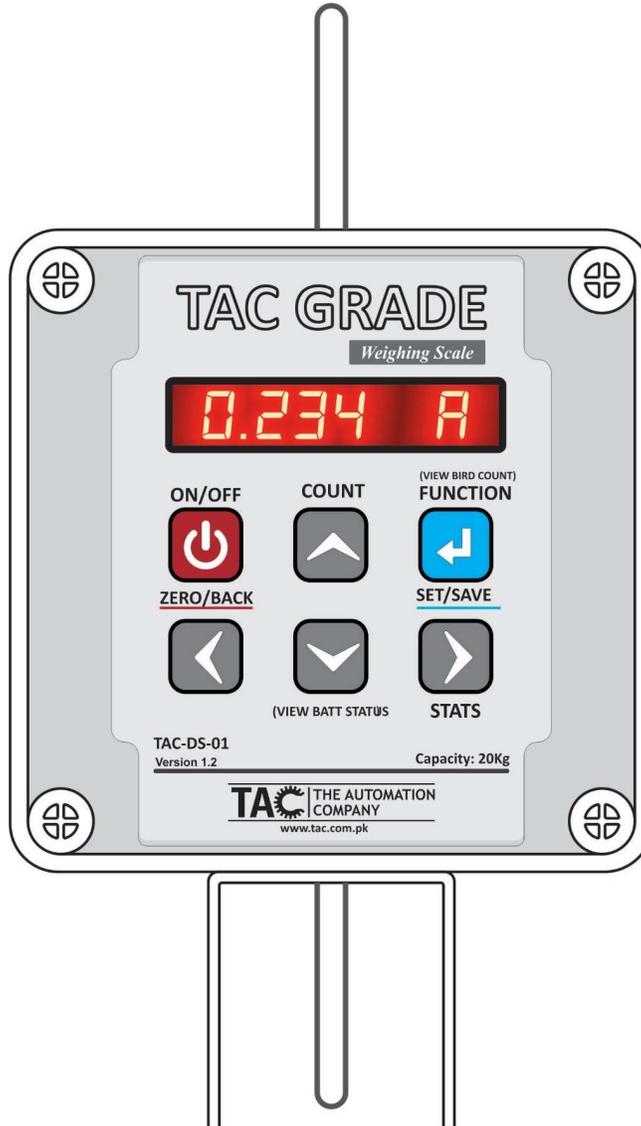


USER'S MANUAL

TAC GRADE

Poultry Scale for Grading/Sorting

MODEL: TAC-GS-01



Capacity: 20Kg, Resolution: 01 gram

Charging Specs: 5.0V, 2.5A

PORT:USB TYPE-B for charging.

Version: 1.0.0.0

THE AUTOMATION COMPANY

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www.tac.com.pk

1. OPERATION

1.1. POWER ON:

Press  button to Power On the TAC SCALE 1.

1.2. POWER OFF:

Press and hold  button for 3 seconds to Power Off the TAC SCALE.

1.3. AUTO POWER OFF

TAC Scale will be powered off automatically if no button pressed and weight reading is stable for defined period of time in section 2.7. *(Power off timer will be reset if any button pressed or weighing changed)*

1.4. TARE WEIGHT (ZERO READING)

Press  button to tare off weight. Any undesired weight will tare off, and zero reading will be displayed on screen, to start the actual weight.



1.5. MAIN SCREEN:



Left 4 to 5 Digits show the Weight in Kg(Kilograms). Most Right digit shows the Saving Mode.

 is for auto saving mode and  is for manual saving mode.

 Indicates the "Stable Weight" in Manual Mod

1.6. AUTO SAVING IN GRADING MODE (SEGREGATION):



Main Screen in auto saving grading mode

When data is stable for the defined filter & stabilization time, The weight of different categories will show as follows.

Under Weight:



This screen will appear, If weight is lower than standard weight defined in section 2.2 & 2.3. Under weight count will increment.

Standard Weight:



This screen will appear, if weight is in range of defined percentage of standard weight defined in section 2.2 & 2.3. Standard count will increment.

Over Weight:



This screen will appear, if weight exceeds the standard weight defined in section 2.2 & 2.3. Over weight count will increment.

1.7. STATISTICS (GRADING COUNTS)

To view the Grading COUNTS, press and hold  button for 3 seconds.

Single Press  key each time to view next parameter of grading counts.

1.7.1. t.C (Total Count) Total Birds Count



It will show the total number of birds weighed for grading.

1.7.2. O.C (Over Count) Over Weight Birds Count



It will show the Over Weight birds count.

1.7.3. U.C (Under Count) Under Weight Birds Count



It will show the Under Weight birds count.

1.7.4. S.C (Standard Count) Standard Weight Birds Count



It will show the Standard Weight birds count.

1.7.5. O.O(Over of Over) Over of Over Weight Birds Count



It will show the Over of Over Weight birds count.

1.7.6. U.U (Under of Under) Under of Under Weight Birds Count



It will show the Under of Under Weight birds count.

2.SETTINGS

Press and hold button for 3 seconds to enter in settings mode.

Scroll the setting parameters by using & keys. To select and change the desired settings, press button to enter in edit mode. Then follow the below specific Instructions.

2.1. SET STANDARD WEIGHT: (Set St.u)



Press to select the Standard Weight, and by using Arrow keys (, , ,) to select desired time. Press to save changes or Press to discard and go back.

2.2. CLEAR DATA (Clean Memory Complete)



To clear the old readings from all pens, and get the scale ready for new readings.

Press to discard the process and go back. Press to proceed, It will ask for confirmation.



If not sure Press to cancel and go back. Press to Clear the memory.



(Clear done screen will be shown for two seconds, and then Main screen will appear)

2.3. SET GRADING PERCENTAGE: (Set Gr.P)



Press to select the Grading Percentage, and by using Arrow keys (, , ,) to select desired time. Press to save changes or Press to discard and go back.

2.4. SET MINIMUM/LOWEST WEIGHT (Set n.vt)



Scale minimum/Lowest weight (Weight lower than this point cannot be stored)



Press to select the Grading Percentage, and by using Arrow keys (, , ,) select desired weight. Press to save changes or Press to discard and go back.

2.5. CLEAR PEN



To clear the old readings from selected pen, and get the pen ready for new readings.

Press  to discard the process and go back. Press  to proceed, It will ask for confirmation.



If not sure Press  to cancel and go back. Press  to Clear the memory.

 (Clear done screen will be shown for two seconds, and then Main screen will appear)

2.6. SEE ID : (SEE I.d)



View Scale Identification numbers.

2.7. SAVING MODE:



Select saving mode from here, to enable auto save select 'On', to disable select 'OFF'.

Change value using  &  keys and Press  to save changes or Press  to discard and go back.

 (ON/OFF)

2.8. AUTO OFF TIME



Scale auto off time can be selected from here in seconds.

Change value using  &  keys and Press  to save changes or Press  to discard and go back.

 (240 seconds equals to 4 minutes. $4 \times 60 = 240$)

2.9. STABILIZATION TIME: (Set Stb)



Press  to select the Stabilization Time, and by using Arrow keys (, , , ) to select desired time. Press  to save changes or Press  to discard and go back.

(0.1 to 2.0) Seconds

2.10. FILTER TIME



In auto saving when weight is stable at this specific filter seconds, It will be auto saved.

Change value using  &  keys and Press  to save changes or Press  to discard and go back.

 (0.1 to 2.0) Seconds

2.11. DIVISION (RESOLUTION)



To select the minimum increment or resolution in grams.

Change value using  &  keys and Press  to save changes or Press  to discard and go back.

 (1 to 100)

2.12. CALIBRATION



To calibrate the weighing scale, first (Tare or Zero) the readings on main screen, then using this settings, select the calibration weight using  &  keys, then Press  key to proceed or  to discard.

 (e.g 3000 means 3Kg)

To proceed, apply the selected weight to scale by putting calibrated weight in Pan. To discard or cancel the process press  to stop calibration. To proceed with calibration press . It will ask for confirmation.



If you are not sure Press  to discard and go back. If you are pretty sure Press  to calibrate and save changes.

 (Calibration done screen will be shown for two seconds, and then Main screen will appear)

2.13. SET BRIGHTNESS

Display brightness can be controlled here (1 for lightest, 15 for brightest)

Change value using & keys and Press to save changes or Press to discard and go back.

(Values: 1 to 15)

2.14. HOUSES STARTING POINT: (Set HSF)

Press to select the Housing start point by using & keys and Press to save changes or Press to discard and go back.

Currently up to 40 houses starting point can be selected from this menu.

2.15. SET HOUSE

Press to select the House number by using & keys and Press to save changes or Press to discard and go back.

House number is just for printing receipt, or pc data to maintain record by house number also.

2.16. SET PEN

Press to select the pen number by using & keys and Press to save changes or Press to discard and go back.

3. STATUS

3.1. BATTERY STATUS:

To view Battery status in percentage, Press key on main screen. Press to back to main screen or wait 3 seconds for auto return.

(Battery 60% Remaining)

3.2. CHARGING:

When charger plugged in, following screen will appear. Press to back to main screen.

(Chg with moving bar on left and Battery percent on right)

3.3. BATTERY LOW

Following screen will appear when battery is low. Press to back to main screen.

3.4. BATTERY FULL

Following screen will appear when battery charging is Full. Press to back to main screen.

3.5. VIEW BIRDS COUNT

To view birds count, simply press key on main screen, it will display the quantity of birds weighted so far.. Press to back to main screen or wait 3 seconds for auto return.