Precision Weighing Scale



OPERATION MANUAL

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Data (8bytes)
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Unit (2bytes)

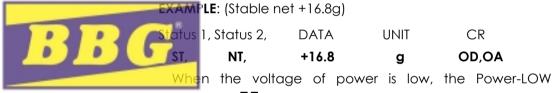
g = 20(HEX); 67(HEX);

kg = 6B(HEX); 67(HEX);

lb = 6C(HEX); 62(HEX);

oz = 6F(HEX); 7A(HEX);

CR = OD(HEX); OA(HEX)
```



Soluciones de pesiaglicator " will be shown or Power-LOW LED will equipos para alimeiatos. Please turn the scale off and reuse it after charge it for 12 hours. The charge indicator (LED) is yellow when charging and it will turn red when fully charged. To ensure the power is in full, we recommend charging an extra 3-4 hours.

1) Setting of communication

Turn the scale on; press and hold kev until the end of self-test to enter the select of baud rate parameters. There are four classes to be selected —1200bps, 2400bps, 4800bps.

9600bps; the display of screen is bAud 12,bAud 24, bAud 48,

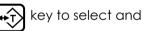
bAud 96. Press key to select and

Then enter the setting of the mode of data transmission.

There are three classes to be selected — St (output or when the reading is stable), Pr (press uatuo ot

14. Instructions Of charge

Co (continue output). Press (key to select and key to confirm.



I. Overview

The TA series electronic weighing scale uses high precision sensors and the latest microchip technology. It is specially designed and manufactured for accurate weighing functions.

The TA series electronic weighing scales have following two models:

1) KD-TAC: LCD display

KD-TAE: LED display

cautions Before Using The Scale

Do not let the scale get wet and do not place it in an environment with extreme temperature or humidity.

Do not shock the scale and do not exceed the

Soluciones de pesaje y capacity. *Permanent damage can occur*

If you use DC power, you should recharge it timely. Please turn the scale off after used. If the power is low or the scale automatically power off, please charge the battery for a full 12 hours before use. Incomplete charging can damage the battery.

- 4. Before using the scale, place it on a stable platform and adjust its feet to make the scale level.
- 5. Working conditions:

2) Instructions of data format

Status 1	,	Status 2	,	Data	Unit	Newline
12	3	4 5	6	7 8 9 10 11 12 13 14	15 16	17 18

Status 1 (2bytes) Status 2(2bytes)

OL - Overload

GS – Gross weight mode NT - Net weight mode

ST - Stable **US** – Unstable

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- 1) The operating temperature should be: 0°C~40°C
- Power supply: AC220V±10% or DC4V4A.h storage battery

III. Keypad Functions

 $0 \sim 9$: Numeric keys used for the entry of weight limits.

• Decimal point key.

: Zero key. Press this key will reset Zero.

: Tare key. Press this key will subtract the wei

: This key is used for weight accumulation. Soluciones de pesaje (apacity is recommended) on the tray; input the value

: Unit conversion key.

: Use this key to eliminate weight limit entries.

: For low limit entry confirmation.

: For high limit entry confirmation.

: This key to clear the total accumulates weight in ACCUMULATION mode.

Press and hold 1 through the end of the self-test, the display will show "AUTO" (AUTO backlight) or "OFF" (Disable backlight) or "ON" (Backlight is ever lighting). Press key to alternate; press -0- to confirm.

12. External Calibration

When the scale does not read accurately, you may

calibrate it with weight. Turn the scale on; press and hold

until the end of self-test. It will show "CAL". Press 🗝 🗕

key to show "0"; place a weight (2/3 of the Max.

equipos para alimentos

of the weight via numeric keys. The unit is kg. (Ex. The

Max. Capacity is 3kg; the weight should be 2kg; then

enter 2. Press ofter reading is stable.

The calibration now is complete. (External calibration will not work when the error is outside the range of $\pm 10\%$ of Max. Capacity).

13. Instructions of serial communication (optional)

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key again to change. Press the key to confirm (nbX represents a class of filter parameters and the larger "X" is, the faster respond speed is.).

9. Zero tracking range and Zero display range

1) Selection of Zero tracking range. Press and hold through the end of the self-test, "0.0d" or "0.5d", "1.0d", "1.5d", "2.0d", "3.0d" will be displayed. Press + to change

press -0- to confirm (The following settings use the sar function keys as current settina).

2) Selection of Zero display range. There are two classes to soluciones de pesaje show the zero indicator. When the weight displayed is be selected — Zero-S (invalid) and Zero-L (when the veguipos para alimentos the range of ±5% of Max. Capacity or the scale is in within the range of ±3d, the display is "0").

10. Division Selection

Turn the scale ON; press and hold key, the display will show the current setting. Press $(+\uparrow)$ key to change and →0← to confirm.

11. Setting backlight (only for LCD display)

: Use this key to clear the readings entered

IV. Operations

1. Turn the scale ON

Remove all the objects on the tray; push the power switch to "ON" position. The scale will self-test and zero, then turn to weighing mode.

2. Turn the scale OFF

Push the power switch to "OFF" position to turn the scale

3. Zero function

During using the scale, the weight displayed isn't "0", but

is nothing on the tray. Please press $\rightarrow 0\leftarrow$ key to re-Zero

tare mode, pressing the key is invalid.

4. Tare function

In weighing with container instance, please operate as following steps to get the net weight: place the container to the tray; press the key , then the weight displayed is "0", and the tare indicator is shown; place the objects needed to weigh on the tray, then the net weight of the

objects is shown; take both container and objects off, the weight displayed is negative. Press key again to cancel the tare mode.

5. Accumulate

In weighing mode, press key to accumulate weight after the display is stable. Then the accumulation indicator is lighted up. The display in the screen is the accumulated times, then the total accumulated weight, and then to the weight of the objects on the tray currently. The maximum accumulated times is 99.

Press key to clear all the accumulated weight a scumulate mode.

6. Preset weight check range

Setting upper limit: Input the value of upper limit via the numeric keys, and then press key, the indicator will appear.

Setting lower limit: Input the value of Lower limit via the

numeric keys, and then press $\boxed{\frac{1}{2}}$ key, the indicator will appear.

After correct setting, when the weight within the range preset, the scale will beep out a warning.

Eliminating weight limit alarm: When the alarm isn't needed any more, press the key (1) to eliminate.

Note: The unit of the number inputted as weight limit is kg.

7. Unit conversion

key to revolve units of measure in weighing then the corresponding symbol will be shown.

Soluciones de pesaje Vction of Filter parameter

While the scale is used in a different location, changing the response speed could be desired. You can change the STABLE time and the stability of the scale by setting the filter parameter.

Turn the scale ON and let it self-test. Press and hold key, now the display will show the current filter parameter.

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