



GIMA

BILANCIA VETERINARIA ANIMAL WEIGH SCALE

MANUALE D'USO E MANUTENZIONE USE AND MAINTENANCE BOOK

ATTENZIONE: Gli operatori devono leggere e capire completamente questo manuale prima di utilizzare il prodotto.

ATTENTION: *The operators must carefully read and completely understand the present manual before using the product.*



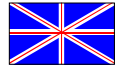
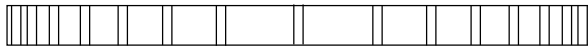
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ANIMAL WEIGH SCALE

Power supply

The indicator head contains six metal hydride re-chargeable batteries. The low battery indicator displayed when the battery power is insufficient to power the scale.

Recharging the batteries

Insert the AC re-charger adapter into the socket on the indicator head to recharge the batteries. Recharging time is approximately 14 hours. Fully charged batteries should give approximately eight hours of continuous use.



Caution! Always connect the AC adaptor to the indicator head before connecting to the mains power supply. Disconnect from the mains power supply before disconnecting the adaptor from the indicator head.

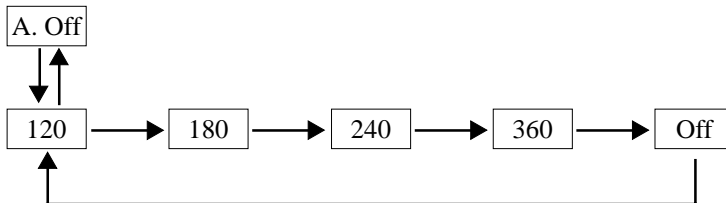
AC adaptor

The scale uses re-chargeable battery pack or 12V 500mA AC adaptor.

ON/OFF switch (the left of the display)

Press the red key to on/off the scale.

The automatic turn-off time can be set (seconds delay until turn off) or disabled (off)



The procedure for calibration

1. Press **ZERO** and **UNITS** first, then press **ON/OFF** switch, the display "CALu", then release **ZERO** key.
2. Press **UNIT** key to select weight unit: kg or lb.
3. Press **ZERO** key and display shows AD value.
4. Press **ZERO** key, waiting for the display "CALIBRATION WEIGHT".
5. Load the calibration weight. (note: please see table 1)
6. Press **ZERO** key to start calibrating.
7. The display shows "SAVE" and then shows AD value.
8. The calibration is finished, press **ON/OFF** switch, shutt off the scale.



Function table

Press **TARE** and **UNITS** first, then press **ON/OFF** switch, the display will show "SET".

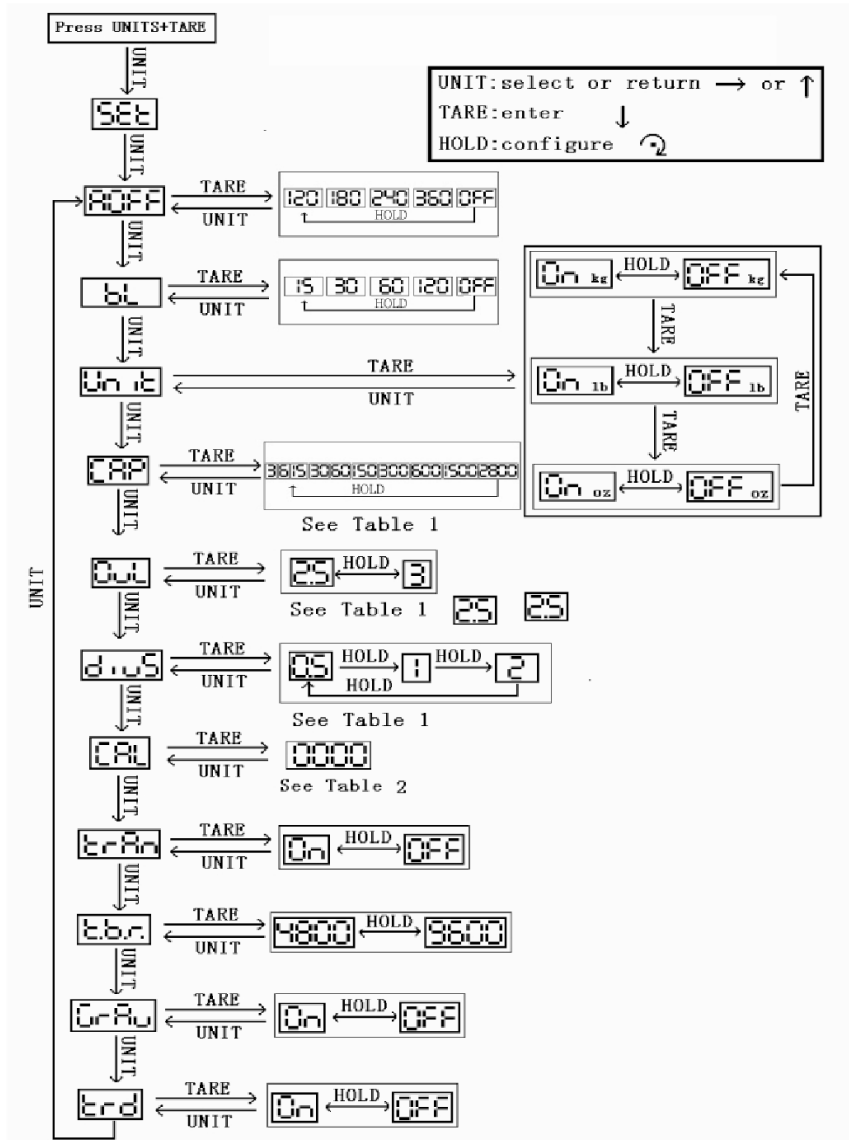


TABLE 1



Key functions

1. ZERO:

This key is "Zero" feature if load is below 4% of full capacity or a negative value.

2. UNITS:

A. Select weight units: KG, LB o OZ

B. The next time of powering-on will be showed the last using weighting units.

3. TARE:

A. When there's a load on the scale, press this key to return to zero.

B. Put a container on the scale, press this key to tare the weight, and the tarred value is stored.

4. HOLD:

A. Press this key to store weight value.

B. To release hold feature, press the **HOLD** key again.

To release hold feature and tare the weight, press the **TARE** key.

The meaning of function setting

AOFF Time for auto off (120s / 180s / 240s /360s / off)

Unit Weight units kg / lb / oz

CAP Capacity

OvL Overload

divS Division

CAL Calibration weight

trAn RS232 Transfer

t.b.r. RS232 Transfer baud rate

Grav. Gravity

trd. Transfer mode

LOW Low battery indication

ErrE EEPROM ERROR

EEEE Overload

ErrH Zero value higher

ErrL Zero value lower

If an empty container is used the weight can be ignored by zeroing the display. To zero the display, press the **TARE** key. Then when material is placed in container only the weight of the material will be shown.

Specification

Capacity 250kg / 550lb

Division 100g / 0.2lb

Display Easy to read 1.2" LCD display with 5 active digits

Operating temperature 5 °C - 35 °C

Weight 23.5 KG

Display head 950mm x 500mm x 45mm

Power supply 12V 500mA AC adaptor / Rechargeable batteries

SUS 304 stainless steel platform



RS232 transmit function

1. When the function **trAn** set **ON**, the RS232 is activated.
2. Baud rate is selected 4800 or 9600 when the function **t.b.r.** set 4800 or 9600.

3. RS232 transmission agreement:
Mode: simplex asynchronous serial
Baud rate: 4800 or 9600
Data bit: 8
Parity bit: NONE
Stop bit: 1
Data Format: ASCII

4. Transmission information format: 16 Byte blank=20H

<STX><Status><+/-><D><D><D><D><D><D><D><U><U><U><U><ETX>

5. Transmission information format show:

STX: Start of transmission = 02 H
Status: Status bit

Example: * = (2AH) = Stable weight, ~ = (7EH) = Unstable weight
+/-: + = (2BH) = Positive weight, - = (2Dh) = Negative weight

DDDDDDD: Value of weight, 7 ASCII Code

UUUUU: 4 ASCII Code weight units: kg o LB

ETX: Stop of transmission= 03H

Safe description

- The scale uses a liquid crystal display. If the LCD breaks and the liquid leaks from the LCD, don't touch it. The liquid is toxic if ingested.
- The platform is designed for easy clean-up.
- The scale isn't an explosion proof model. Don't use the scale in an atmosphere containing flammable gases or explosive fumes. A fire or an explosion can result.
- Do not operate the scale if there is smoke or a burnt smell coming from the scale. Remove the AC adaptor immediately. After making sure that there is no danger, consult your dealer. Never try to repair the scale by yourself.
- If the scale becomes dirty, wipe it with a soft cloth. For stubborn stains, apply a little neutral detergent and then wipe the scale with a soft cloth. Don't use thinner, benzene, or chemical agents, all of which can cause deformation, discoloration, or deterioration of the scale.
- The scale is a sensitive weighting instrument, avoid physical shocks. If you drop something on the scale, step on the platform, or drop it, the scale may be damaged and lose accuracy.
- Don't push the indicator or keys with sharp objects. They may break or puncture the switch membrane panel.



To keep the scale working efficiently

- Place the scale on a flat surface that will support the scale and the load.
- The operating temperature range is from 5°C to 35°C.
- Don't disassemble or modify the scale, you will void the warranty. Modified scales will not be legal for trade.

GUARANTEE

Thank you for having acquired our product. This product meets the most stringent requirements regarding the selection of quality manufacturing materials and also the final control. The product has a 12-month warranty, valid from the date it is delivered by GIMA.

During the guarantee period free repair and/or replacement of any defective parts due to faulty manufacture will be given, labour, postal, transport and packaging charges etc. are not included. The guarantee therefore excludes components subject to wear and tear such as parts in rubber or PVC, etc. No compensation will be given for loss of use of the product.

Furthermore replacement or repairs effected during the guarantee period do not lengthen the duration of the guarantee.



This guarantee is void in the event of: repairs effected by unauthorised persons or with spare parts not approved by GIMA, damage or defects caused by negligence, blows, abnormal use of the appliance or faulty installation.

The guarantee will be invalidated if the registration number has been removed, cancelled or altered. Faulty appliances must be returned only to the retailer where the item was bought. Any item dispatched directly to us will be refused.



Smaltimento: Il prodotto non deve essere smaltito assieme agli altri rifiuti domestici. Gli utenti devono provvedere allo smaltimento delle apparecchiature da rottamare portandole al luogo di raccolta indicato per il riciclaggio delle apparecchiature elettriche ed elettroniche.

Per ulteriori informazioni sui luoghi di raccolta, contattare il proprio comune di residenza, il servizio di smaltimento dei rifiuti locale o il negozio presso il quale è stato acquistato il prodotto. In caso di smaltimento errato potrebbero venire applicate delle penali, in base alle leggi nazionali.

Disposal: The product must not be disposed of along with other domestic waste. The users must dispose of this equipment by bringing it to a specific recycling point for electric and electronic equipment.

For further information on recycling points contact the local authorities, the local recycling center or the shop where the product was purchased. If the equipment is not disposed of correctly, fines or penalties may be applied in accordance with the national legislation and regulations.

Élimination des déchets d'EEE: Ce produit ne doit pas être jeté avec les ordures ménagères. Les utilisateurs doivent remettre leurs appareils usagés à un point de collecte approprié pour le traitement, la valorisation, le recyclage des déchets d'EEE. Pour obtenir plus d'informations sur les points de collecte des équipements à recycler, contactez votre mairie, le service local de collecte et de traitement des déchets ou le point de vente du produit. Toute personne contrevenant aux lois nationales en matière d'élimination des déchets est passible de sanctions administratives.

Entsorgung: Das Produkt darf nicht mit dem anderen Hausmüll entsorgt werden. Der Benutzer muss sich um die Entsorgung der zu vernichtenden Geräte kümmern, indem er sie zu einem gekennzeichneten Recyclinghof von elektrischen und elektronischen Geräten bringt. Für weitere Informationen bezüglich der Sammelpunkte, bitten wir Sie, Ihre zuständige Gemeinde, oder den lokalen Müllentsorgungsservice oder das Fachgeschäft, bei dem Sie das Gerät erworben haben zu kontaktieren. Bei falscher Entsorgung könnten Strafen, in Bezug auf die gültigen Landesgesetze erhoben werden.

Eliminación: El producto no ha de ser eliminado junto a otros residuos domésticos. Los usuarios tienen que ocuparse de la eliminación de los aparatos por desguazar llevándolas al lugar de recogida indicado por el reciclaje de los equipos eléctricos y electrónicos. Para más información sobre los lugares de recogida, contactar el propio ayuntamiento de residencia, el servicio de eliminación de residuos local o la tienda en la que se compró el producto. En caso de eliminación equivocada podrían ser aplicadas multas, en base a las leyes nacionales.