www.wunder.it

| ELETTRONIC MDD BABY SCALE MODEL 630 |

USER MANUAL

Read this manual carefully before using the instrument

INDEX

By choosing the **WUNDER** mod. **Baby 630** professional electronic scale, you have purchased a high precision instrument.

Since over 40 years **Wunder** has placed its experience at the service of health. This instrument is compliant with national standards in hospitals and clinics with medical class I

with measurement function and is calibrated in conformity with accuracy class III.

2. GENERAL RULES

⚠️Carefully read this manual before using the instrument as it supplies

important indications concerning OPERATING SAFETY AND MAINTENANCE.

The descriptions and illustrations supplied in this manual are not binding.

WUNDER reserves the right to modify its products as deemed convenient in order to approve them without being committed to update this publication.

Conventions:

The following symbols have been used in this manual:

CE	0470 MEDICAL CERTIFICATION
M	METROLOGICAL CERTIFICATION AND APPROVAL FOR MEDICAL USE
⬭III	ACCURACY CLASS
GARANTITA	ASSISTANCE WARRANTY CERTIFICATE
⚠️	ATTENTION! PLACED BEFORE DETERMINING PROCEDURES. COMPLIANCE FAILURE CAN DAMAGE THE PRODUCT
⚠️	WARNING! PLACED BEFORE DETERMINING PROCEDURES. COMPLIANCE FAILURE CAN HARM THE OPERATOR OR PATIENT OR DAMAGE THE PRODUCT
🗑	WASTE DISPOSAL
🧍	TYPE B PARTS SUPPLIED
🔋	BATTERY POWER
▼	INDICATION OF WEIGHT FUNCTIONALITY
	INDICATION OF STABLE WEIGHT
((•))	INTERFERENCE COULD OCCUR NEAR THE APPLIANCES
▢	DUAL INSULATION

3. SAFETY

⚠️ WARNINGS!

Operators must read this manual carefully, comply with the instructions it contains and become familiar with the correct use and maintenance procedures of the instrument.
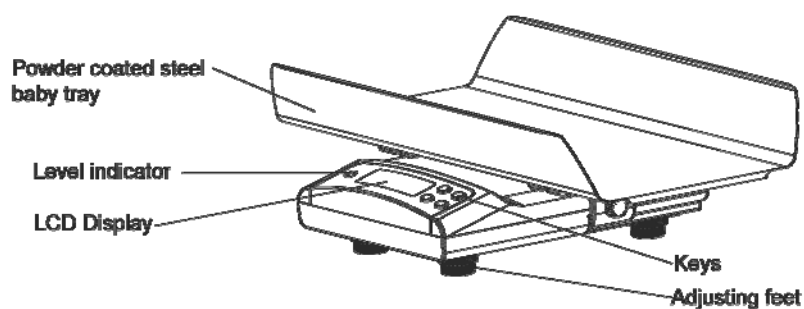
- Retain this manual for consultation and as a help in staff training

- Do not overload the instrument beyond its maximum capacity

- Do not apply loads abruptly.

- Do not press the keys with sharp or pointed objects

- Do not try to open the instrument.

- Do not remove seals from the instrument.

- Do not short-circuit the battery terminals

- Use only the power supply provided by Wunder. Before using it, make sure that the local mains voltage is compatible with the voltage of the adapter shown on the identification plate

- Regularly check the integrity of the instrument's power cord and make sure it does not come in contact with hot appliances

- Make sure that the power cord does not create obstruction hazards

- Unplug the instrument before cleaning it

- Do not place the instrument in water or other liquids

- Perform maintenance and subsequent metric verifications regularly
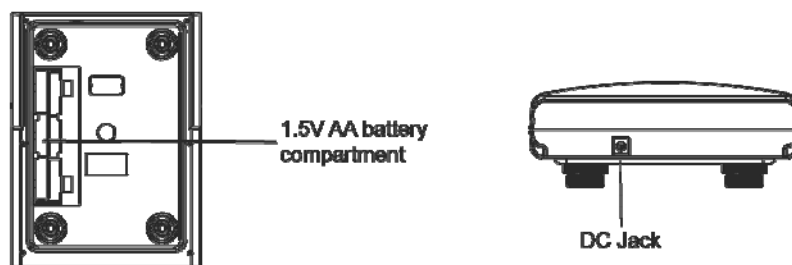
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4. SPECIFICATION

| Model	BABY 630
Capacity	Max = 15kg ; da 0 a 7.5 kg , e = 5g da 7.5 a 15 kg, e= 10g
Approvazione OIML	Classe I dispositivi medici (EC93/42 EEC); Class III OIML; Class III NAWI (EC 2009/23)
Unit weight	kg / lb
Display	LCD da 25 mm LOW POWER
Key functions	ON//OFF, Percentil, Hold, Tare
Power	Adapter 9V (non incluso);6 alkalin batteries 'AA' (not included)
Dimensions	566 x 350 x144 mm (with baby tray);426 x 192 x 300 mm (packaging)
Weight	3.3 kg only scale;4.5 kg packaging

5. DESCRIPTION

FRONT VIEW

- Powder coated steel baby tray
- Level indicator
- LCD Display
- Keys
- Adjusting feet

BACK VIEW

- 1.5V AA battery compartment
- DC Jack

LCD DISPLAY

NET: Tare Function in use
HOLD: Hold function in use
MONTH: Baby month
→0← : In zero operation
~ : Showing if stable reading
kg : Kilogram unit in use
━ : Showing if negative value
< : Showing percentile value
⬧ : Female icon
⬧ : Male icon

KEY DESCRIPTION

Max 7.5kg/15kg Min 100g e=5/10g
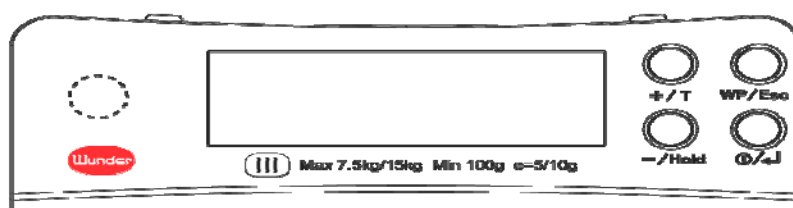
+ / T   - Increase the input value
               - Tare in weighing mode
WP / Esc   - Enter weight percentile calculation mode
               - Cancel the input value
— / Hold   - Decrease the input value
               - Hold and release weight in the weighing mode
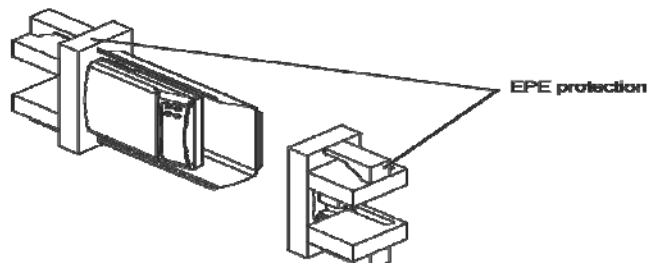
6. INSTALLATION

⏻/↵
– Turn on/ off the scale
– Confirm the input value

ITEMS IN THE PACKAGE
* Baby scale set (Powder coated steel tray & scale with 2 pcs M5x18 screws)
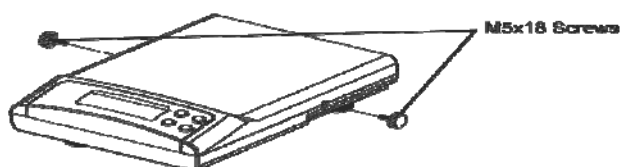* 2 pcs EPE protection

PROCEDURES AND INSTURCTIONS FOR POWDER COATED STEEL BABY TRAY ASSEMBLY
1. Remove the EPE protection from the baby scale set.

EPE protection

Note: Do not throw the EPE protection away, it will be used as the inner protection in the carrying bag.
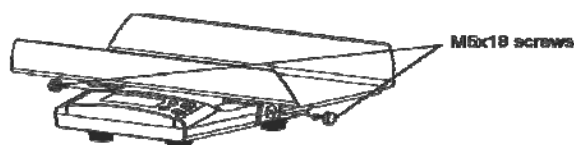2. Remove 2pcs M5x18 screws from both sides of the scale.

M5x18 Screws

3. Unfold the tray brackets and gently slide them through the tracks beside the platform until the screw holes of the brackets overlapped with the holes at the scale platform.


Tray brackets

Track
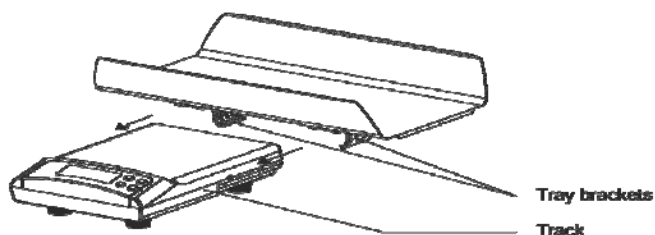
4. Fasten the baby tray from both sides by screwing in tightly 2pcs M5x18 screws.

M5x18 screws

PROCEDURES AND INSTRUCTIONS FOR BABY SCALE PACKING IN THE CARRYING BAG (FOR SELECTIVE MODEL ONLY)
1. Insert the baby tray into the one EPE protection along the tray-shaped cut and then insert the scale into the scale-shaped cut.

Tray-shaped cut

Scale-shaped cut
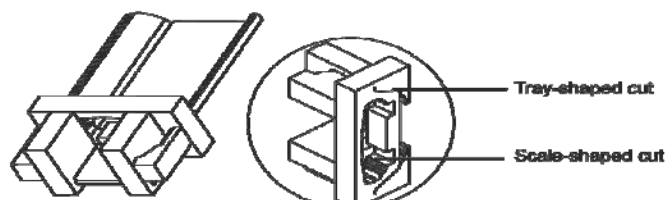
2. Set the Right Position

Use the scale on a firm and flat surface.

## 3. Assemble the Baby Tray on the Platform

Before weighing baby, following **PROCEDURES AND INSTURCTIONS FOR POWDER COATED STEEL BABY TRAY ASSEMBLY** to assemble the baby tray on the platform.

4. Setting the Balance

Before you use the scale for the first time or when the scale has been moved to another place, the balance of the scale must be set.

A. Don't place anything on the scale or remove all weight from the platform;

B. Place the scale on firm and flat surface; use the adjusting feet to adjust the balance until the bubble inside the level indicator is located in the middle of the drawn circle.

Level indicator

Bubble

Circle
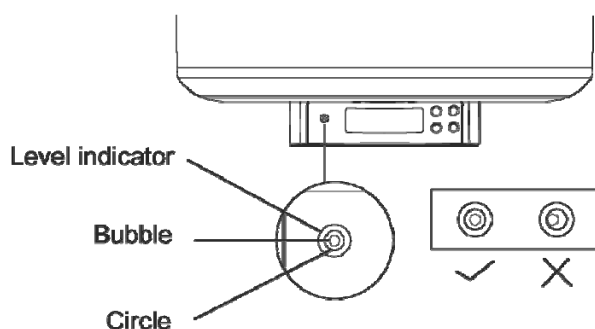
7. ISTRUCTION FOR USE

OPERATION

WEIGHING ONLY OPERATION

Remove all weight from the scale platform before measuring.

1. Press [⏻/↵] to powered up the scale, the software version will be displayed for a few seconds (Fig.1), and then the full screen display will be shown (Fig.2).

Fig.1

Fig.2

2. Stable zero has been obtained if "0.000kg", ">0<" and "~" showing on LCD (Fig.3).

Fig.3

3. For weighing a baby, place the baby on the tray and the weight will be shown (Fig.4a).
   For weighing a child, remove the tray from the platform; let the child step on the
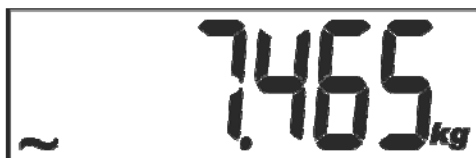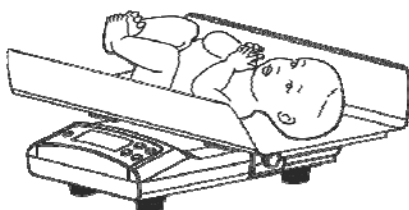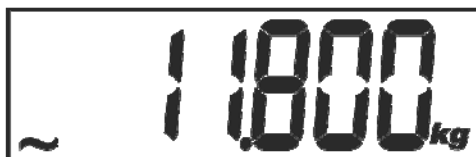   platform and the weight will be shown (Fig.4b).

Fig.4a

Fig.4b

4. Under battery operation, the scale will be powered off automatically if idled around 20 seconds. Under DC power supply, the auto-off function will be deactivated, press [⏻/↵] key to turn off the scale.

TARE FUNCTION
The tare function allows to tare out the weight of item e.g. mat to measure the actual weight of the baby.

1. In weighing mode, place item e.g. mat on the tray. The screen will display the weight of the mat (Fig.5).

Fig.5

2. Press [+/T] key, it will display 0.000kg with flashing "NET" icon displayed if successfully obtained the tare value (Fig.6). Otherwise, press [+/T] again to re-obtain the tare value.

Fig.6

3. Remove the mat from the scale; it will display the corresponding negative value on the LCD (Fig.7). Press [+/T] again reset to 0.000kg.

Fig.7

Note: The maximum Tare value is up to 15kg of all tare items. e.g. If the 1st item weighs 5kg, after tare to zero, the maximum weight of 2nd item should be no more than 10kg.

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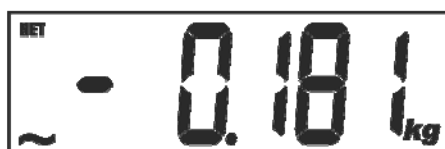

Fig.7

Note: The maximum Tare value is up to 15kg of all tare items. e.g. If the 1st item weighs 5kg, after tare to zero, the maximum weight of 2nd item should be no more than 10kg.

HOLD FUNCTION

In weighing mode, press [HOLD] to keep the weight reading, "HOLD" displays on the LCD (Fig.8). Press [HOLD] again to release.

Fig.8

WEIGHT PERCENTILE CALCULATING OPERATION

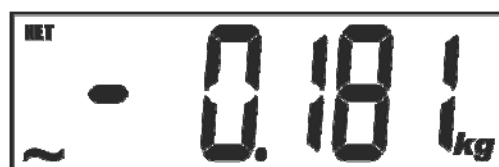1. In the weighing mode, press [WP/Esc] to enter weight percentile calculation mode (Fig.9).

Fig.9

2. Press [+/T] or [-/Hold] to adjust age from 1 to 36 months with flashing digit. You can keep pressing on [+/T] or [-/Hold] to speedily go forward or backward to set the age.
3. Press [⏻/↵] to confirm or press [WP/Esc] back to weighing mode.
4. Press [+/T] or [-/Hold] to adjust gender ♀ or ♂ with flashing icon (Fig.10).

Fig.10

5. Press [WP/Esc] back to age adjustment. If the scale idled for 5 minutes, it would return to weighing mode automatically.
6. Press [⏻/↵] to confirm. Place baby on the tray, the weight will be shown with "~" icon.

7. The weight percentile and weight will be displayed in 3 cycles (Fig.11). And then returns to weighing mode or press [⏻/↵] to power off the scale.
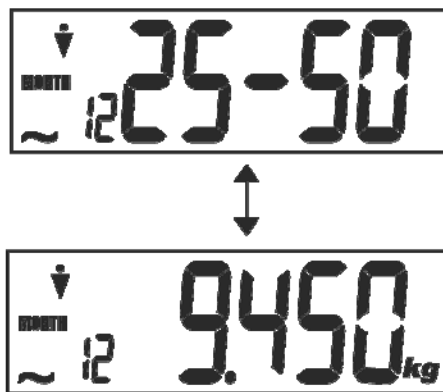

Fig.11

Notes: ◁P3 will be displayed if the weight percentile value is less than 3, and P97▷ will be displayed if the weight percentile value is more than 97.

TO TURN OFF THE SCALE

1. Press [⏻/↵] to turn the scale off.
2. If no weight on the scale is kept for 20 seconds or stable reading is kept on 30 seconds, the scale turns off automatically.
3. If cut off the power, the scale will be off.

PROBLEM-SOLVING

1. **Why does the display read bAt?**
   Low battery. Replace the batteries or power up the scale through connecting the AC/DC adaptor with the power socket.

2. **The message displays Err0.**
   Initial zero is too large. Please remove weight off the scale.

3. **The message displays Err2.**
   Overload warning. Remove the weight immediately; otherwise, permanent damage to the scale will occur.

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8. ERROR MESSAGE

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4. **The message displays Ustb.**
   Instability error. Repeat measurement again. Place the scale on a firm and flat surface.

5. **The message displays Err3.**
   Machinery error. Please contact your sales representative.

6. **The message displays NoCAL.**
   Calibration error. Please contact your sales representative.

7. **The message displays EEP.**
   Machinery error (EEPROM error). Please contact your sales representative.

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9. MAINTENANCE AND ASSISTANCE

For better and longer duration of the product it should receive thorough general cleaning periodically.

The instrument must be cleaned with a soft cloth moistened with water or neutral detergent, without using solvents or abrasive substances.

If the instrument remains idle for a long period, remove the batteries from the terminal.

During shipping, make sure not to subject the instrument to blows or excessive mechanical stress.

In case of repairs or assistance, contact your dealer or an authorised service centre contacting service2@wunder.it or sales@wunder.it.

10. CONFORMITY

WUNDER MODEL BABY 630 ELECTRONIC SCALE SERIAL N°..
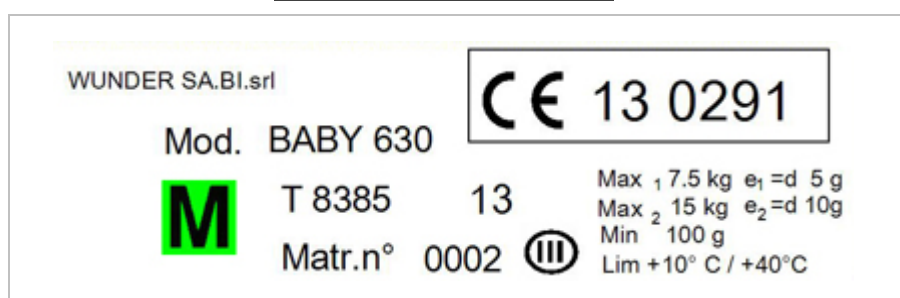
We hereby certify that this instrument has been inspected and has successfully passed the functional test.
It complies with the following standards and directives:

Class I medical device (EC Directive 93/42 EEC)
Class III OIML compliant
Class III Non-automatic weighing instruments (EC Directive 2009/23/EC) compliant

11. IDENTIFICATION LABELS

12. SCRAPPING AND WASTE DISPOSAL

If set aside for a long period, protect those parts which could be damaged due to dust build-up

Scrapping

When you decide to no longer use this item, we recommend making it unusable. We also recommend making those parts which could be sources of danger harmless

Waste disposal   EU 2002/96/EC

This product complies with the EU Directive 2002/96/EC. The symbol of the crossed-out waste bin on the appliance indicates that the product, needing to be treated separately

from household waste, at the end of its useful life must be completed in a separate collection facility for electric and electronic appliances or returned to the dealer upon

purchase of a new equivalent appliance. The user is responsible for bringing the appliance to an appropriate collection structure at the end of its life. Appropriate separate

collection and sending the appliance for recycling, treatment and environmentally compatible waste disposal contributes to avoid possible negative effects on the environment

and health and favours the recycling of the materials the product is made of.

For more detailed information regarding available collection systems, contact your local waste disposal service or the shop where the product was purchased.

As consumers, you are obliged by law to return used or dead batteries. You may deposit old batteries at public collection spots in your town or else with any battery dealer who

has placed specific collectors for this purpose. Even when scrapping electric and electronic appliances, they must be removed and deposited in specific collectors.

NOTE: The following symbols indicate the presence of harmful substances

Pb Pb = batteries containing Lead   Cd Cd = batteries containing Cadmium   Hg Hg = Batteries containing Mercury

⚠ **ATTENTION!**

Do not throw electric parts and used batteries away with household waste. Dispose of the batteries by means of your closest collection centres.

13. WARRANTY

This certificate must be kept until the warranty has expired.

It must be presented together with the invoice, tax receipt or delivery note providing the name of the dealer and date of purchase whenever a technical intervention is required.

Otherwise the user will lose any warranty rights.

The warranty takes effect from the date of purchase and is valid during the entire period foreseen by the current catalogue/pricelist.

By warranty we mean the replacement or repair free of charge of parts making up the appliance which, at the discretion of the manufacturer, are deemed faulty from the origin;

Wunder therefore has the faculty of repairing or replacing the item.

The warranty does not cover:

- shipping faults, damage caused by falls, carelessness or tampering

- damage caused by incapability of using the appliance and of its improper use

- damage caused by an insufficient or inadequate electrical system or alterations resulting from environmental, climatic or other types of conditions

- damage due to incorrect installation of the appliance and repairs carried out by unauthorised personnel

- Interventions at home for convenience controls or presumed defects

- Routine maintenance and that which can be considered normal wear from use

- consumables such as: power supplies, batteries, keyboards, plates, wheels, heads, rolls, load cells faulty due to blows or overloads

Service can also be refused when the appliance has been changed or transformed in any way.

In case of interventions at one's home, the customer must pay the fixed fee; if however the appliance is repaired at an authorised Wunder Service Centre, expenses and

relative travel risk are borne by the user.

Wunder will not be held liable for damage of any nature caused directly or indirectly to persons, animals or objects resulting from failure to comply with all the

instructions indicated in this manual or anyway resulting from improper use.

The Court of Bergamo has jurisdiction in case of any dispute