

Instructions for Use

ADE

Class III approved scales
Electronic baby scales

M101000-01



M101000-01-210323-Rev005-UM-e



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General information



This symbol means: "Consult operating instructions". To achieve accurate results, read the instructions for use carefully before use and follow all instructions provided therein. Keep the instructions for use for future reference.

Your ADE weighing scale is a high-quality product which has been manufactured for use in hospitals by doctors, medical specialists and paediatricians. It complies with EU regulations for non-automatic weighing instruments (Class III) and the directive for medical instruments (Class I).

Portable and mobile HF communication devices can interfere with electric medical instruments. Electric medical instruments are subject to special precautionary measures and must be set up and operated in accordance with this operating manual.

The scale is intended for precision weighing of babies and the readings are used for a medical diagnosis by the doctor or medical personnel. It can be used in hospitals, doctors' offices, nursing homes, rehabilitation facilities or dialysis centres.

To achieve accurate results, read the operating manual carefully and follow all instructions provided therein.

Accessories for our scales are documented separately.

Description:	Electronic personal scale
Model:	M101000-01
Features:	1 weighing scale
	1 weighing tray
	1 spirit level
	4 adjustable feet
	1 mains adapter
	1 operating manual incl. Certificate of Conformity



M101000-01 scale with baby tray



M101000-01 scale base only

Safety Instructions

Be sure to read, understand and follow all instructions in this manual and others that accompany the system and its components, as well as country-specific installation standards, applicable safety regulations and accident prevention rules.

- Handle the scale with care and always keep in mind that it is a precision measuring instrument.
- Make sure that the baby to be weighed is centred on the weighing surface.
- Do not use the scale if one or more security marks are damaged.
- The scale may only be operated and maintained by trained and authorised skilled personnel.
- Before first use, make sure that the mains voltage and current type stated on the name plate match the mains voltage and current type at the place of use.
- Never touch baby and mains adapter simultaneous.
- Only the power adapters authorised by the manufacturer ADE may be used. Otherwise, there is a risk that other electrical devices will be affected.
- Anyone connecting additional equipment or power supply to the equipment is responsible that the system complies with the requirements of the standard IEC 60601-1.
- The plug/adaptor connector isolates the device from the mains supply. Do not place the device in a position where it is difficult to disconnect the power supply to safely stop the operation of the device.
- Make sure that the mains cable is routed between the scale and the mains connection in such a way that there is no risk of stumbling.
- Make sure that the mains cable is routed between the scale and the mains connection in such a way that there is no risk of strangulation.
- Never push the scale back and forth without lifting, as this may cause damage to the load cells.
- Operate the device only within the permissible ambient conditions.
- Do not expose the scale to high temperatures, whether from neighbouring devices or direct sunlight.
- Use the scale at constant ambient temperatures and avoid using in draughts, otherwise the measurement results could be falsified.
- After storage under extreme conditions, allow at least 60 minutes for the scale to become acclimatised and ready for use as directed.
- If possible, place the scale away from other devices or sources that generate electromagnetic or other disturbances as these can falsify the measurement results.
- Use only approved accessories and peripherals.
- Before cleaning the device, disconnect the mains adapter from the mains.
- Do not immerse the device in water or other liquids.
- If the scale will not be used for a long time, it should be cleaned and stored in a protective film. The addition of a drying agent is desirable.
- Remove the batteries if you are not going to use the scale for a long time.
- If you have any problems with this device, such as problems with setup, maintenance or use, please contact your authorised dealer. Do not open or repair the device yourself.
- Please notify the authorised dealer if unexpected operations or events occur.

DO NOT use the scale:

- If the mains adapter is damaged;
- If the battery compartment has an unnatural bulge;
- After long storage in a humid environment.

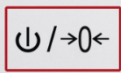
In such cases, please contact an authorised customer support.

Controls and display



Controls:

Keys:



Functions:

ON/ZERO/OFF key to switch the scale on / off and to zero the scale

TARE to tare (zero) the scale off any additional weight

HOLD to activate the hold function

Display symbols

- | | | |
|------|---|--|
| HOLD | ▲ | Indication that HOLD mode has been selected |
| NET | ▶ | Indication that the complete NET weight has been reached |
| →0← | ◀ | Indication that a stable value has been reached |

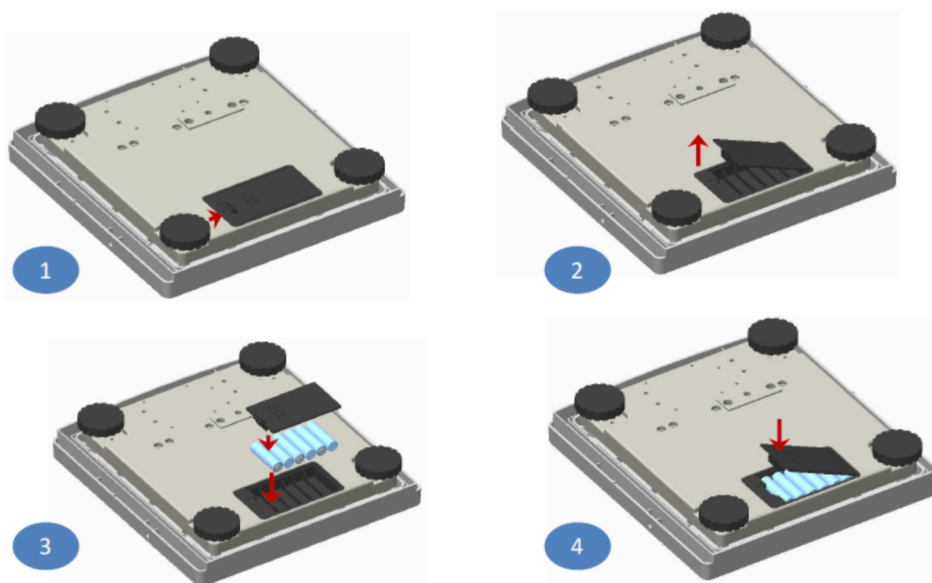
Setup and operation of the scale

Content of box

- Baby scale base
- Weighing tray
- Mains adapter
- Operating manual incl. declaration of conformity

Installing the batteries

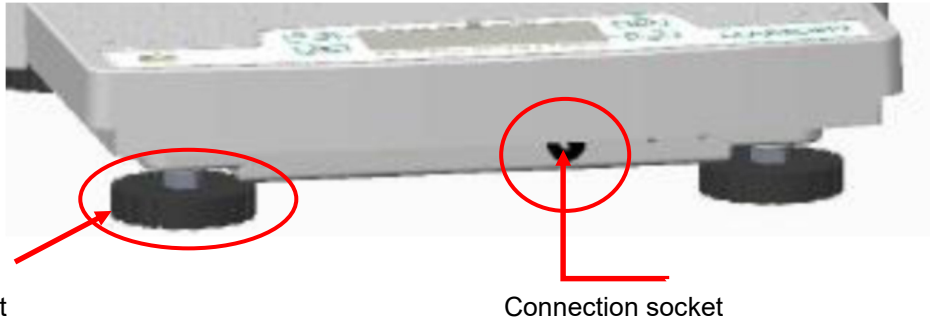
The scale can be operated either by 6 x AA type alkaline batteries (not included in scope of delivery) or via the supplied mains adapter.



Low battery indication

- **LobAt** (Low battery indication) will display on the scales LCD display when the battery power is insufficient to power the scale.
- When **LobAt** is displayed, please replace the 6 alkaline batteries

Connecting the mains power supply



Levelling feet

Connection socket



Only use the AC adapter supplied by ADE for this unit.

- Make sure that the scale is switched off before inserting the batteries or plugging in the power adapter
- For battery operation, first insert the batteries carefully, making sure not to reverse the polarity (+/-).
- The battery compartment is beneath of the weighing platform
- The jack for the adapter is at the front, on the lower edge of the weighing platform
- Prior to operation, make sure that the local voltage corresponds to the voltage printed on the power adapter.



If the scale is not used for an extended period, remove the batteries, since they can leak, causing damage to the scale!

Install the tray

- Install the tray to the proper location.



Make sure that the weighing tray is installed properly at the right position



Install the tray at the proper location and tighten the screws on both sides



Assembly finished

Weighing operation

- Align the scale by the use of the levelling feet so that all four feet are in contact with the surface, which must be firm and even. You can also check whether the scale is fully horizontal by means of the spirit level at the surface. The air bubble should be at the centre of the circle
- Press the **ON/OFF/ZERO** key to power up the scale, the display will show 88888 and will go to 0.000kg
- If the scale shows a figure other than 0.000kg with no weight applied then press the **ON/OFF/ZERO** key once to Zero the scale.
- Press and Hold the **ON/OFF/ZERO** key to switch off the scale.

Note: The scale has a built in battery save function that will switch off the scale after a period of inactivity, usually around 60 seconds.

Hold function

- When weighing a baby, press the **HOLD** key once and the scale will 'lock' onto the babies weight once a stable reading has been taken.
- Press the **HOLD** key again to release the display.

Tare function

- The **TARE** key can be used to zero the weight of any unwanted item/weight, example – protective paper towel or similar placed onto the scale, press the **TARE** key once and the weight of the paper towels will be zeroed off.
- After weighing, remove the paper towels and press Tare again to cancel the tare value and return to Zero.

Care, servicing and recalibration

Cleaning

Prior to cleaning, always disconnect the scale from the power supply. Do not use aggressive cleaning agents to clean the scale; instead, use only a moist cloth or common disinfectants.



Make sure that no liquid enters the body of the scale or the display, since this can damage the scale and make it unusable!

Error Messages

- Low Battery

The scales alkaline AA type batteries are flat. Replace the batteries with new ones

- Over Load

This indicates that the scales load sensor/s have been overloaded, re-calibration may fix this problem but it usually indicates a faulty load sensor

- High/Low Zero Count

1. The scale is above its Zero Range, remove any weight on the scales and try to power on again. If the scale still shows the error message then it indicates a fault with the scales electronics.

2. The scale is below its Zero range, check there is nothing jammed underneath the scale and try to power on again, if the scale still shows the error then it indicates a fault with the scales electronics

Recalibration

Calibration is to be carried out only by authorized companies or persons in accordance with national legislative regulations. The notified body (0122) and the year of initial calibration can be found on the CE symbol. The scale must be recalibrated if

- the calibration mark has been damaged
- after a calibrated scale has been repaired
- or after expiry of the period for recalibration stipulated by national statutory regulations.

Disposal



Electrical appliances and batteries should not be disposed of in domestic refuse.

Always dispose of defective or unserviceable devices and batteries in accordance with the applicable laws and regulations!



Please ensure batteries are empty prior to disposal, since otherwise there is a risk of short circuit!

Storage and transport

To prevent the possibility of damage from transport, keep all packaging materials in case you ever need to return the device.

Disconnect all connected cables prior to shipping, to prevent unnecessary damage.







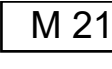





The optional carrying bag MZ10031 can be used for easier transport.

Warranty

ADE will repair or replace this product within 2 years of the date of purchase (upon presentation of receipt) if it is proven that the product failed due to defective materials or poor workmanship. All movable parts, such as batteries, cables, power adapters, batteries, etc., are excluded from the warranty. This warranty does not apply to normal signs of wear and tear or damages caused by accidents or misuse. Opening of the device by unauthorized persons will void the warranty. The customer's statutory rights are in no way affected by the terms of this warranty.

In case of warranty claims or for after sales service and replacement parts, contact the distributor where the scale was purchased.

Symbol description

Symbol	Meaning
	Instruction manual
	Follow instructions for use
	Manufacturer
	Date of manufacture
	Serial number
	CE marking
	Marking according NAWI Directive 2014/31/EC with year of calibration
0122	Number of notified body registered according calibration requirements
0044	Number of notified body registered as medical device
	Class of calibration
	Type B / BF applied part
AC / 	Alternating current
DC / 	Direct current
	Warning

Technical data

Model	M101000-01
Capacity:	20 kg
Graduation:	5 g < 10 kg > 10 g
Dimensions base:	340 x 330 x 50 mm
Baby tray:	560 x 280 x 95 mm
Net weight:	approx. 4,2 kg
Working temperature:	+10 to +40 Grad Celsius
Display:	Clear to read 25 mm LCD display with 3 easy to use function keys (ON/ZERO/OFF – TARE – HOLD)
Power supply:	6 x AA Alkaline batteries Mains adapter: 12V 300mA
Zero setting:	automatic
Stabilisation time:	1-2 seconds

Declaration of Conformity



Declaration of conformity by the manufacturer

This product has been manufactured in accordance with the harmonized European standards.

They conform to the regulations of the EC-directives listed below:

- NAWI Directive 2014/31/EU
 - Medical Devices Directive 93/42/EEC
 - EMC Directive 2014/30/EU
 - Low Voltage Directive 2014/35/EU
 - RoHS Directive 2011/65/EC
- in the currently valid versions.

This declaration loses its validity if modifications are made to the scale without our approval.

Hamburg, march 2021

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