


ADE

Operating Manual
Electronic Organ Scale M90612



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Components and Features



Attention: the power switch is situated underneath the base of the scale right hand side

Keys	Function
ZERO.....	To set scale to zero
TARE.....	To tare any requested value
HOLD.....	To fix the weighing result
UNIT	To change the weighing unit (kg, lb)

Display symbols

gross.....	Indication of weight taken
tare.....	Indication that a tare value has been keyed in and is active
zero.....	Indication that scale has been set to zero manually
△.....	Indication that a stable value has been reached
	Indication that battery is low

Installation and use of scale

Your ADE Electronic Organ Scale is a quality product which has been manufactured for clinical use in pathology in the field of human and veterinary medicine. In order to achieve best possible results please read and follow strictly the instructions of this Operating Manual in all respects.

Check carton contents

- Scale
- Weighing bowl
- Mains adapter
- Operating Manual including Certificate of Conformity

Power Supply of the scale

By mains adapter (9V 800mA) and rechargeable batteries (power-pack).

- The battery pack is already installed in the base of the scale.
- Charge the power-pack by using the mains adapter and connect the jack firmly.
- Complete first charging of power-pack needs 24 hours.
- The full battery life is approx. 100 hours.
- If power-pack needs recharging there will be an arrow above the low battery symbol on the display. Still the scale will operate for about 10 hours after which it will automatically switch off to protect the battery.
- You can also identify status of battery charging by the colour of the LED control light placed in the left hand corner above the display.
- When the scale is plugged in to mains the power pack will be recharged automatically.
- If LED is green the batteries have full charge. If it is red the battery is nearly discharged and yellow indicates the battery is under charge.
- Battery life becomes weaker if lifetime after charging becomes shorter. In this case contact your local dealer or service partner.
- Please make sure the local voltage supply corresponds to the indication printed on the adapter.

Caution:

Please operate the scale only with the original ADE mains adapter that has been delivered.

- Always fit the adapter to the scale **BEFORE** connecting to an electrical outlet
- Disconnect from the electrical outlet **BEFORE** disconnecting the adapter from the scale.
- The mains adapter is not waterproof. Therefore make sure NOT to use the scale where water can penetrate.
- In case the mains adapter became wet or show visible damages the scale can no longer be operated by using this mains adapter. In this case please contact your local dealer or service partner.

Positioning of the scale

- Place the scale on a level surface.
- Make sure all four feet of the platform have direct contact to the surface.
- The spirit level of the scale is an additional tool to make sure the scale is carefully positioned and offers best results when the air bubble is centred.
- The alignment of the scale must be checked and corrected every time the location of the scale is changed.

Use of the scale

Weighing

Power the scale by pressing the tilting switch underneath the base on the right hand side for min. 3 seconds. After start up an automatic function test is done which ends in switching into `0.00` position in kg weighing mode. The scale is now ready to weigh. In case of any irregularities in weighing procedure the display will show the error indication Err xxx.

In this case go to chapter Cleaning and Maintenance, see point Service.

After `0.00` is displayed properly the scale can be loaded.

The correct weight can be read on the display.

Set zero

By using the **Zero** key eventual irregularities occurred after start up the scale can be compensated by setting the display back to zero for all subsequent weighing procedures.

Tare function

This function enables the user to weigh the organ together with other objects (e.g. container) without getting any other result than just the organ's weight.

- Start the scale by using the tilting switch underneath the base right hand side.
- Zero the scale by pressing the **Zero** key if necessary. The zero indicator will be seen on the display.
- Place object (e.g. container) in the bowl.
- Press **Tare** key to come back to zero. Display should show `0.00`. The display will show the **tare** indicator.
- Place the organ in the container on the bowl.
- The weight displayed is just organ's weight.

If the tarred objects remain always the same you may continue weighing other organs and the scale will only show the weight of the one you are currently weighing. Once the scale is shut off (e.g. automatically in battery operating mode or on purpose manually) the stored value is cleared. If the tare value is changing during operation of the scale, complete unloading of the scale is necessary. Additionally press **zero** key to return to normal status.

Hold function

Press the **Hold** key in case of unstable readout which might occur due to movements on the scale. The scale will hold the result displayed. After scale has been unloaded, the result value is still readable and can be noted. Press Hold key again to return to normal status.

Unit function

By using the **Unit** key you may select the weighing mode (kg, lb).


Before weighing always make sure you are in the selected weighing mode.

Cleaning and Maintenance

Cleaning

Before cleaning make sure the scale has been disconnected from the socket.
For cleaning just use a damp cloth or common disinfection products.
Do not use any aggressive cleaning fluids.
Make sure no water or cleaning fluid penetrates the scale.

Service

Display indication  Recharge the power-pack by using the mains adapter. (see also page 3 chapter Power Supply of the scale)
Any other failure messages on the display e.g. Err 4, Err 5, Err 6 or Err 9 please contact your local dealer or service partner or see Service Manual where instructions for authorized technical staff is available.

Safety instructions

Do NOT use the scale

- If the mains adapter shows visible damages
- If mains adapter is not working properly
- After long storage in humid places

In those cases contact your local dealer or service partner.

Storage and Transport

Keep all original parts and pieces for an eventual sending back of the scale in order to avoid any possible damage during transport which automatically leads to no warranty.

Disconnect all cables before transport to avoid unnecessary damages.

Warranty

A two years warranty period from date of purchase will be guaranteed for either repair or replacement once it is proven that the defects are caused by poor material or poor workmanship (please keep the receipt for presentation). All moveable parts such as batteries, cables, plug-in power supply units, rechargeable batteries etc. are excluded. Warranty does not apply to normal appearance of usage or sign of wear or any damages caused by accidents or misuse. Products which have been opened by unauthorized persons are automatically out of warranty.

Customers abroad are requested to contact their local dealers in the event of any warranty becoming applicable.

CE marking and Declaration of Conformity

ADE products are manufactured as per the standards applicable of the actual European norms and directives to produce and offer world-wide products at the latest technical standard and with a long lifetime.

Declaration of CE Conformity

This product corresponds to the valid EC Directive 89/336/EEC for electromagnetic compatibility.



Products carrying this sign correspond to the standards of

- Directive 73/23 EEC(for low voltage)

Technical data

Display:	easy to read 20 cm LCD Display with backlight
Housing of Display:	robust plastic housing
Weighing bowl:	stainless steel
Power supply:	Mains & rechargeable batteries
Function keys:	4 keys (see chapter components & features)
Zero setting:	automatic
Max. Capacity:	15 kg / 33 lbs
Graduation:	5 g / 0,25 oz
Dimensions (WxHxD):	535 x 222 x 330 mm
Weight:	approx. 4,5 kg
Working Temperature:	10 to +40 degrees Celsius

Supplier: ADE GmbH & Co.
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