

Body Detox[®] System – User Manual

1. Scope of Supply, Technical Specifications

The Body Detox[®] Electrolysis System consists of:



- bowl for treatment with integrated electronic components
- set of electrodes for 80 standard sessions
- adapter (120–20VAC/12V/24VDC) and electric cord
- protective covers
- cleaning and disinfecting liquid for electrode sets
- patient's infos (flyers)
- container with salt (250 ml)
- container for brine concentrate (500 ml)
- directions for use
- manual (presented by Body Detox[®] representative)

2. Supplies

- sets of electrodes for 80, 160, 240 or 320 sessions (including cleaning and disinfecting liquid, protective covers, flyers)
- patient's infos, patient's recommendations (flyers, 148 x 210 mm)
- poster (1480 x 594 mm)
- Heavy Metal Testkit (HMT; for 100 tests)
- 500 or 1000 personalized patient's infos (flyer, 148 x 210 mm)

3. Technical Specifications:

Dimensions: 47cm x 40cm x 15cm

Electronics: 100–240 VAC, 50–60 Hz, reduced to 12/24 volt direct current, max. 2,7 A

Content: max. 6 litres - recommended: 5 litres

Certification: CE-certificate. Patent pending. Production according to EU regulations for medicinal products (Medizinproduktegesetz, MPG)

4. Warranty

The Body Detox® System is covered by a two-year warranty, issued on the date of delivery. The warranty includes all parts (bowl, electronics, adapter and electric cord, set of electrodes), as well as works (free replacement of parts which have become defective due to material defaults). Not covered by the warranty are damages which were caused by inappropriate use (not consistent with directions for use), normal wear, external impact or the opening and altering of or the adding of foreign parts to the system.

Any warranty is waived if any repair or checkup of the system is performed by parties other than designated by Body Detox® Customer Service. The warranty rests in cases where the customer is in delay of payment obligations. There is no extension of warranty due to repair or checkup performed by Body Detox® Customer Service.

In case of a malfunctioning system, place all parts in the original packaging, adding a note describing the problem in detail, and send the system to any address designated by Body Detox® Customer Service. A 48-hour replacement system is available for free (however, shipping and handling charges apply). If you are unsure about the proper working order of your system, contact customer service through the internet (www.hkmed.de / contact) or phone (+49 2486 957390) before returning the system in order to determine which course of action might be most suited.

5. Consumables

The sets of electrodes (anode, cathode) are consumables, their average life expectancy with correct maintenance and care is around 40 hours (i.e. about 80 treatment sessions). Several factors contribute to a reduced life expectancy:

1) Programme Settings (Current, Spin, Time)

The higher the average setting for CURRENT (= power), the lower the average life expectancy. As a standard setting, we recommend 1.5 Ampere. The function ALT allows for alternate polarisation of the electric current; in addition to the standard setting and flow from the inner electrode to the outer electrode, the alternation of the current between the inner and the outer electrode in minute intervals (alternate) is possible, as well as a gradual increase from 1.0 A to the default setting within 6 steps (gentle). The standard setting wears the electrodes most.

2) Maintenance

After every session, the set of electrodes must be cleaned and disinfected by thoroughly rinsing it first under a stream of water and subsequently storing it in the cleaning and disin-

fecting liquid for at least 15 minutes (may be placed in the liquid for storage, also). Before use, rinse again thoroughly under a stream of water. Do not clean mechanically (e.g. with a brush or scrub), do not use any other cleaning or disinfecting liquids.

3) Water Quality

The quality of the water used (i.e. concentration of chlorine, chalk, noxious matter etc.) may contribute to a reduction of the life expectancy of the electrodes. Clean tap water, free of chemical additives and with little or no chalk present, is preferable. Do not use de-chlorination or desalination treatment methods, do not use chemical softeners. Water filters are recommendable, but not conditional.

6. How to work with the Body Detox[®] System



1. Producing the Brine

First produce a weak brine, using the 500-ml bottle provided, dissolving one coffee spoon of salt (also provided) with 0,5 litre of tap water. For each treatment session, you may need approx. 15 to 30 ml. (2 or 3 screw caps).



2. Connecting the Electric Cable

Connect the Body Detox[®] System to the power supply (only) with the provided adapter and electric cord at the plug on the frontside of the treatment basin (next to electronic component; some systems have the plugs on the other side of the bowl – see picture).



3. Placing the Protective Cover

Place a protective cover (provided) evenly into the basin, so that the ends reach over the rim of the bowl (upend). As an alternative, the cover may be pulled over the bowl, leaving the screen of the electronic component visible (only systems with plugs on front end).



4. Placing and Connecting the Set of Electrodes

Connect the set of electrodes with the plug on the left and place it into the grooves in the middle of the bowl.



5. Adding Water

Now add plain tap water to the bowl, barely covering the set of electrodes (about 5 litres). Do not add any chemicals whatsoever (softeners etc.).



6. Placing the Feet

Place the feet into the bowl (max. shoe size 11). Give the patient a large glass of (preferably tap) water



7. Activating the Power Current

Press ON/OFF button. The screen will be activated, showing the settings TIME (duration), CURRENT (power) and ALT (programme). The default (and recommended) settings are 1,2 A, 30 minutes and standard. These settings may be altered (see steps 8 through 10).



8. Adjusting the Power Current

With the function CURRENT you may adjust the intensity of the treatment. A higher setting may require more brine („add salt“ is shown on the screen; see step 12)..



9. Selecting the Programme

With the function SPIN you may choose the type of program: „alternate“ changes the polarity of the current every 5 minutes, „rocking“ the organism of the patient. With the setting „gentle“, the power is raised in 6 increments from 1.0 A to the desired setting (see step 8), making it ideal for patients who are weak or reconvalescent. The default setting here is „standard“.



10. Selecting the length of Session

With the function TIME you may choose the duration of the session in 5 minute increments. Recommended are 30 minutes per session (children and reconvalescent persons 15 minutes).



11. Starting the Session

To start the treatment session, press START-STOP. The session may be interrupted and restarted at any moment. Altering the settings during an interruption may require additional brine (see message on screen “add salt“).

12. Adding the Brine



Now slowly add a small amount of brine (see step 1) to the water, until the message „add salt“ disappears. It may require about 2-3 screw cups = 15-30 ml of brine. Note: in some regions (e.g. near thermal spas) the water quality is such that no brine may be required (message „add salt“ may not appear with low settings) – the process of electrolysis will work anyway, but may produce less discoloration and/or precipitation.

13. Stopping the Session



Upon completion of a treatment session, an audio signal will sound and the program will auto-shut off. Once the patient has removed his/her feet, take out the protective cover and water and place it in a bucket for disposal. Make sure to clean any surface which comes into contact with the water (e.g. toilet bowl) in order to prevent stains which may prove difficult to remove later. Alternatively disconnect and remove the bowl to discharge its contents. Never reuse the protective covers. If you do not continue to use the system, remove the electric cord in order to prevent the reduction of lifetime of the adapter due to excessive heating. Recommend to the patient to drink still more water.

14. Cleaning and Disinfecting Set of Electrodes



After every session, the set of electrodes must be thoroughly rinsed under a stream of water and then be placed into the cleaning and disinfecting solution (provided) for at least 15 minutes (may be placed in the liquid for storage, also). Before use, rinse again thoroughly under a stream of water. Do not clean mechanically (e.g. with a brush or scrub), do not use any other cleaning or disinfecting liquids.

Body Detox, Distribution for Benelux

Harald Kühnel

Panoramaweg 10 •

D-56317 Urbach - GERMANY

Tel. +49 2684 957390 • Fax +49 2684 957391

Mobil +49-172-8594566

www.hkmed.de • hkmed@t-online.de