

TYROSTATION®

GEBRAUCHSANWEISUNG / USER MANUAL

tyromotion



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1 Introduction

Dear Customer!

TYROMOTION's many years of experience in the field of therapy and the purposeful cooperation with therapists from different areas make sure that the TYROMOTION GmbH is aware of its customers' requirements concerning a well-performing therapeutic system. The TYROSTATION® will help you use the different medical products from TYROMOTION – in particular PABLO® and TYMO® – easily and efficiently.

The TYROSTATION® offers all options you require for the application and storage of various devices from TYROMOTION. It offers adjustment options for the desk and seat height for the patient as well as handy support and storage options for the different products. Due to the high quality of the product, this system enables you to make therapy for patients and for the daily use of TYROMOTION products even more efficient and more effortless. This manual contains all pieces of information required for the operation and handling of the TYROSTATION®. For information about our other products and instructions for them, please go to our website (www.TYROMOTION.com) or contact us personally.

1.1 General Information

This device has been developed as accessory equipment for the medical devices PABLO® and TYMO®. However, the instruction manual does not contain any information about the therapeutic use of these devices, but only serves to describe the TYROSTATION®.

1. Therapy area
2. All-In-One PC on a monitor arm
3. Drawer for accessory equipment (max. load 5 kg)
4. Shelf space for PABLO® Multiball
5. Shelf space for PABLO® Sensor
6. Shelf space for PABLO® Multiboard
7. Shelf space for TYMO®
8. Lifting column
9. Lifting column control
10. Therapy stool
11. Height adjustment of the therapy stool

1.2 Safety

1.2.1 Indications/Contraindications

Since TYROSTATION® is accessory equipment for medical products which does not have any intended medical purpose in itself, there are no specific contraindications for the use of the TYROSTATION®. However, the contraindications for the devices that are used together with TYROSTATION® always apply.

1.2.2 Environmental Conditions

TYROSTATION® is only intended for use in therapeutic rehab centres and private households with moderate ambient conditions. Do not perform any training outside the rooms provided for that purpose under any circumstances.

1.2.3 Proper Use

The proper use of TYROSTATION® includes, among others

- Reading the instructions before use
- Installation of TYROSTATION®
- Use of TYROSTATION®
- Maintenance of TYROSTATION®
- Disposal of TYROSTATION®

1.2.4 Use of Other Devices on TYROSTATION®

TYROSTATION® has been developed especially for the use of the therapeutic devices from TYROMOTION. For safety reasons, it is not allowed to connect electric appliances other than the ones from TYROMOTION to the power supply of TYROSTATION®.

1.2.5 Responsibility of the Owner

The owner is responsible for ensuring that all persons operating the system have read and understood this manual. No guarantee is made, however, that a person who has read this manual is qualified to operate, inspect, test, calibrate, repair, modify or remedy system faults in the TYROSTATION®. The owner is to ensure that the installation, maintenance, calibration and repair of the system and the remedying of faults is only carried out by properly trained, fully qualified employees.

If the TYROSTATION® does not function correctly or does not react to the commands described in this manual, the operator is to contact TYROMOTION.

1.2.6 Errors and Incompleteness

If you detect errors in this manual or find that something is missing from it, please contact TYROMOTION GmbH.

1.2.7 Property of TYROMOTION GmbH

The content of this user manual, including all data and illustrations is copyrighted information of TYROMOTION GmbH and is provided exclusively for operational, maintenance and repair purposes. Distribution for other purposes and copying without prior written consent from TYROMOTION is forbidden.

1.2.8 Guarantee & Exclusion of Liability

TYROMOTION GmbH guarantees the purchaser of the system that the system for a period of 12 months from the date of installation at the premises of the owner, in the case of normal use, will be free from defects in materials and quality of manufacture, and that it will correspond to the mechanical and electrical specifications published by TYROMOTION (unless the warranty period is extended by an optional service contract). This guarantee is granted on the condition that the system is correctly installed, operated and maintained in accordance with the instructions for use.

The customer is to direct all warranty claims to TYROMOTION in writing within 60 days after the occurrence of a problem and before the elapsing of the warranty period. The only obligation of TYROMOTION in accordance with the warranty consists of repairing, replacing or correcting, in its sole discretion, parts that are defective or non-compliant. After the repair or replacing of the defective or non-compliant parts, TYROMOTION has no further obligations towards the owner as regards such defective or non-compliant parts. All repairs and maintenance work in accordance with this guarantee are to be carried out by an authorised TYROMOTION service representative.

If repairs, maintenance or other work is carried out by third parties, the above warranty is rendered null and void. Beyond this, problems arising due to accidents, improper use, incorrect application, damage due to incorrect storage, negligence or modification of the system or its components are excluded from the above warranty.

The above warranty is granted in place of all other warranties, rights or conditions, and the system is delivered TYROMOTION GmbH guarantees the purchaser of the system that the system for a period of 12 months from the date of installation at the premises of the owner, in the case of normal use, will be free from defects in materials and quality of manufacture, and that it will correspond to the mechanical and electrical specifications published by TYROMOTION (unless the warranty period is extended by an optional service contract). This guarantee is granted on the condition that the system is correctly installed, operated and maintained in accordance with the instructions for use.

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2 Technical Specifications

2.1 TYROSTATION®

System

- Height-adjustable therapy desk
- Height-adjustable stool
- All-in-one PC (incl. monitor arm)

The desk as well as the stool have been developed for the specific requirements of therapy using the TYROMOTION therapeutic devices PABLO® und TYMO® and enable you to use and deposit these devices as well as other accessory equipment ergonomically.

Characteristics

- Therapy desk
- Dimensions:
 - Length: 135 cm
 - Width 101 cm
 - Height of table edge: adjustable from 68,5 – 137 cm
- Total weight: 80 kg
- Max. load: 70 kg





Caution: The therapy desk is not suited for standing or sitting on it. Do not put loads on TYROSTATION® that are heavier than specified above. Make sure to put weight centrally on the therapy desk. The specified load limit applies only to the table top. Only the weight of the devices to be used on TYROSTATION® may be put in shelf areas designated for them.



Only adjust the height of TYROSTATION® after all TYROMOTION devices have been placed in the shelves designated for them.

- Therapy stool
- Dimensions:
 - Length: 52.5 cm
 - Width: 31.5 cm
 - Height: adjustable from 38 to 51 cm.
 - Total weight: 9 kg
- Max load: 110 kg








The maximum load applies to a central load placed on the therapy stool. Always place loads centrally on the therapy stool and not close to the edges.

Approval

- EU: class I medical device pursuant to 93/42/EEC – CE

Notes on TYROSTATION®

	<p>The type plate of TYROSTATION® is fixed to the underside of the table top in the form of an adhesive label. The symbols contained in it are explained below.</p>
	<p>Special waste: Do not dispose of the device with regular household waste. Please consult TYROMOTION GmbH concerning disposal.</p>
	<p>Read instructions for use: Read these carefully before using it.</p>
	<p>CE mark – the product complies with the European directives applying to this particular type of product.</p>
<p>110V ~ 50/60Hz 10A</p>	<p>version 110V: Indication of the requirements concerning power supply and maximum power consumption.</p>
<p>230V ~ 50/60Hz 5A</p>	<p>version 230V: Indication of the requirements concerning power supply and maximum power consumption.</p>
	<p>The manufacturer of TYROSTATION® including the complete postal address is specified next to the factory symbol.</p>
<p>TYROSTATION® serial number e.g.: TSR1-2013- 001</p>	<p>This serial number indicates the year of manufacture.</p>

3 Preparation / Basics

3.1 Set-up and Installation

TYROSTATION® is delivered pre-assembled. The table top is delivered firmly attached to the lifting column and the electronic equipment. However, some installation measures can only be carried out at the place where therapy is to be performed later. Please carry out the following steps before putting TYROSTATION® into operation for the first time:

Installation of the VESA support on TYROSTATION®

The VESA support is installed at the rear end of TYROSTATION®. Proceed as shown in the following illustrations:

Follow the instructions for use for the VESA support enclosed as well.



Installation of the PC on the VESA support

The PC has been prepared by TYROMOTION for installation on the VESA support. Use the screws provided to fix the PC to the VESA support and proceed as shown in the following illustrations:

Follow the instructions for use enclosed for the VESA support as well.



Installation of the plastic compartments

The plastic compartments are removed before TYROSTATION® is delivered in order to prevent damage caused during transport. The plastic compartments are fixed using the screws supplied. Connect the compartments to TYROSTATION® and observe the numbering of the compartments and the positions on TYROSTATION® itself.



Make electric connections

TYROSTATION® is delivered to you completely wired. For the electric connection of TYROSTATION® with your power grid, use the mains plug supplied.



Caution: TYROSTATION® may only be connected to electricity grids with ground connection (3-pole). If your power grid requires another mains plug than the supplied one, you have to get one yourself beforehand.

3.2 Positioning

In order for you to use TYROSTATION® as effectively as possible, it is necessary to keep enough distance to the walls or other equipment on both sides of TYROSTATION®. The lateral distance to the next wall or the next equipment should be at least 50 cm.



When positioning it, make sure that the rear of the therapy desk is positioned at a distance of 5-10 cm from a solid wall. This minimises the risk of tilting and prevents the therapy desk from rubbing against the wall during height adjustment.



Make sure that no objects have been mounted above the table top because they could fall down when the height of the table top is adjusted.

3.3 Start-up

After TYROSTATION® has been set up according to the instructions of chapter 3.1, it can be started by turning on the main power switch. By doing this, all electric components are supplied with electricity. These are

- Lifting column of the therapy desk
- All-in-one PC
- All other devices that have been connected to the distribution panel at the rear of TYROSTATION®



The electronic distribution panel at the rear of TYROSTATION® can only be accessed using tools. It serves exclusively to supply TYROMOTION products with voltage. The connection of other electric components using this distribution panel can compromise the electric safety of TYROSTATION®.

3.4 Preparation of TYROSTATION®

The activities described here refer to the ergonomic placement of the therapy devices from TYROMOTION (these are not included in the scope of delivery of TYROSTATION®)



Place the therapy devices from TYROMOTION on TYROSTATION® as shown in Figure.

Observe the following instructions:

- Thread the cable of PABLO® completely through the opening provided in the PABLO® shelf from the top to the bottom before connecting up the cable to the all-in-one PC already installed.



- Make sure that the underground is level



4 Use of TYROSTATION®

4.1 Height Adjustment of the Therapy desk

The height of the therapy desk can be adjusted by means of the control panel integrated in the table top, which enables an optimum adjustment of the device to the patient's needs.



This adjustment feature enables therapy with the patient standing upright as well as sitting down.



Adjust the height of the therapy desk in such a way that optimum operation for therapy is guaranteed. (The therapist in charge has to perform this adjustment).

Observe the following safety instructions when using TYROSTATION®:

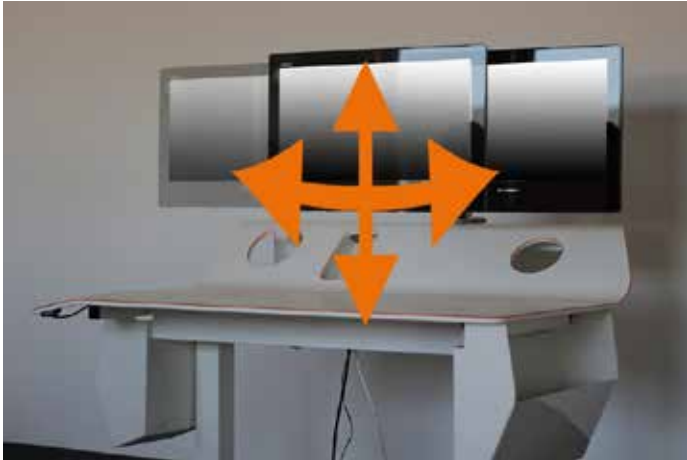
- Read the instructions for use supplied by the manufacturer of the lifting column and of the all-in-one PC beforehand.
- When adjusting the height of the therapy desk, make sure that there is nothing below or above the table top (stools, side tables, shelves, etc.)
- Do not fix any objects such as handles and the like on the therapy desk because the stability of the desk cannot be guaranteed when excessive force is applied.
- Do not climb on TYROSTATION®.



Pinching hazard: When the lifting column is lowered, there is a risk of pinching of body parts underneath the table top.

4.2 Adjustment of the Position of the All-in-one-PC

The position of the correctly installed All-in-one PC can be adjusted by means of the monitor arm supplied. For that purpose, take hold of the monitor with both hands and bring it in the desired position. Pay attention to the limitation of the monitor arm and pull/push applying only moderate force.



4.3 Height Adjustment of the Therapy stool

The height of the therapy stool can be adjusted by means of the lever underneath the seating surface. In order to adjust the height, the lever has to be pulled upwards. When moderate pressure is applied to the seating surface, the seating surface is lowered. If no pressure is applied to the seating surface, the integrated gas spring ensures that the seating surface is pushed upwards.



5 Maintenance of TYROSTATION®

5.1 Cleaning

The following measures always have to be performed:

- Disinfection of the patient's hand before starting therapy
- Disinfection of the surface of TYROSTATION® after therapy (use colourless wiping disinfectant)

As a matter of principle, all components of TYROSTATION® should be cleaned at regular intervals. For that purpose, use a dry or slightly moistened piece of cloth. On principle, rubbing alcohol can be used, but make sure not to leave any residue on the components.



In case there is persistent soiling, you can use a cleaning sponge with a slightly rough surface in order to remove the soiling. Afterwards remove any dust with a moist piece of cloth. Caution: this type of cleaning can cause scratches on the surface and/or in painted areas.

In case there is heavy soiling that cannot be removed with the methods described, contact TYROMOTION GmbH.

5.2 Recurrent Checks

The recurrent checking of medical devices can be subject to regulations differing from country to country. For this reason, TYROMOTION GmbH specifies no explicit intervals for the performance of such checks. The operator of TYROSTATION® himself/herself is responsible to fix these intervals with suited parties.

6 FAQ - Frequently Asked Questions

Why does the electronic height adjustment of the therapy desk not work?

TYROSTATION® is NOT equipped with a so-called universal voltage connection, and this is why 2 versions of TYROSTATION® are made.

- Version 1: for 230 V 50/60 Hz power grids
- Version 2: for 110 V 50/60 Hz power grids.

The electric height adjustment only works if the right version has been connected to the power grid.

Why have the storage compartments of TYROSTATION® not been installed?

In order to prevent damage to TYROSTATION® during transport, the plastic storage compartments are removed for transportation. The screws required for installation are comprised in the scope of delivery. Observe the respective chapter of the instructions for use in order to install the compartments correctly.

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