PediaPals®

600054 TRANSPORT STRETCHER

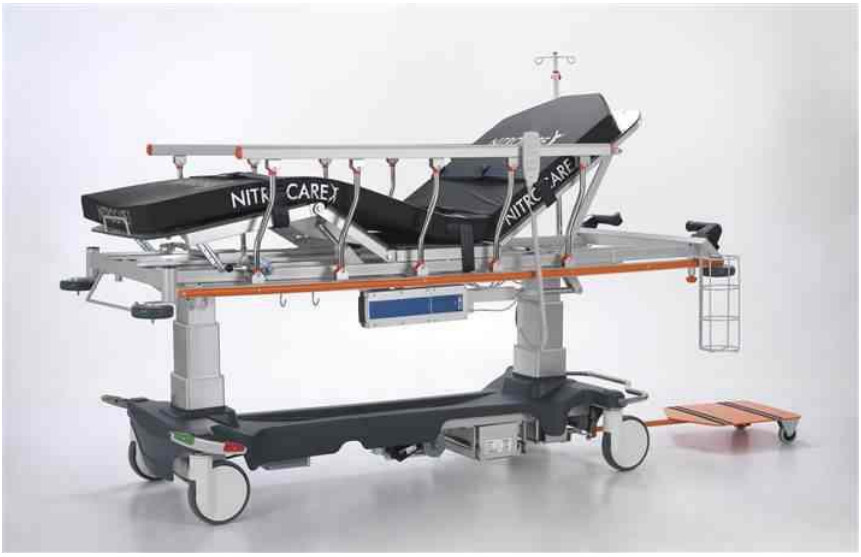
USER MANUAL

POWER HOSIPTAL TRANSPORT STRETCHER

CE

PEDIA PALS 600054 ®

REF



ha

1. Login

The use of electric emergency response and transport stretcher used for adults, production design in line with standards and regulations, and the product is designed in line with the relevant technical information, and the stretcher is produced in the desired performance without any risk during the use phase.

2. PRODUCT DESCRIPTION

600054 Transport Stretcher Models are designed for the safe use of the patient in emergency intervention and can perform back, foot, height, trendelenburg and reverse trendelenburg movements with motor assistance.

600054 Transport Stretcher Models are designed based on maximum safety and mobility. Designed by taking into account the physical disabilities and comfort of the patient, 600054 Transport Stretcher models maximise the comfort of patients in the high risk group in every sense. electric

EMERGENCY RESPONSE AND TRANSPORT BEDY is designed in accordance with **TS 6606** standards. In this way, the environment, high performance is ensured and precautions are taken by minimising the negativities and risk assessment against the dangers that may arise from the patient (patient fall, jamming, etc.).

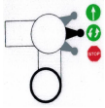
3. SAFETY AND WARNING

3.1. Safety and Warning Instructions

- Follow the instructions carefully and, if necessary, keep a copy of the instructions close to the stretcher.
- To avoid customer damage and to obtain the best performance from the product, these operating instructions must be read before use.
- Make sure that the stretcher is used by a qualified person.
- Do not interfere with the stretcher while the emergency response and transport stretcher functions are in motion. It poses a danger due to limb entrapment such as fingers, head, etc. through existing gaps.
- Do not use any other mattress other than the mattress used by the manufacturer. Dangers such as falling and jamming occur due to mattress dimensions.
- Emergency stretcher max. Raise to a height of **920 mm** above the floor.
- Do not apply a load of more than **150 kg** to the emergency stretcher.
- Only original spare parts and damaged parts should be replaced immediately and parts should be replaced by qualified personnel
- Do not overload the stretcher beyond its carrying capacity.
- If you notice that the stretcher does not fulfil its functions, do not use the stretcher and inform the technical service.
- Inform the patient and other users about the operating functions.
- The stretcher should be used indoors (emergency services, observation rooms, etc.)
- In case of any mechanical problems in the emergency response and transport stretcher, the stretcher should be intervened by trained personnel. If deemed necessary, the manufacturer's technical service unit should be informed and support should be obtained.
- During the delivery of the emergency response and transport stretcher, training should be requested from the manufacturer for product use and intervention in case of any malfunction.
- Detailed technical information on the emergency response and transport stretcher must be requested if necessary.
- The safe operating weight must never be exceeded. If the safe weight must be exceeded, the surface on which the patient is lying must be kept in its lowest position and the functions of the stretcher must not be used.
- The 2nd person should not sit while the patient is lying on the stretcher.
- The stretcher should be lowered downwards from the top to reduce the risk of injury from falling off the stretcher when the patient is left alone.

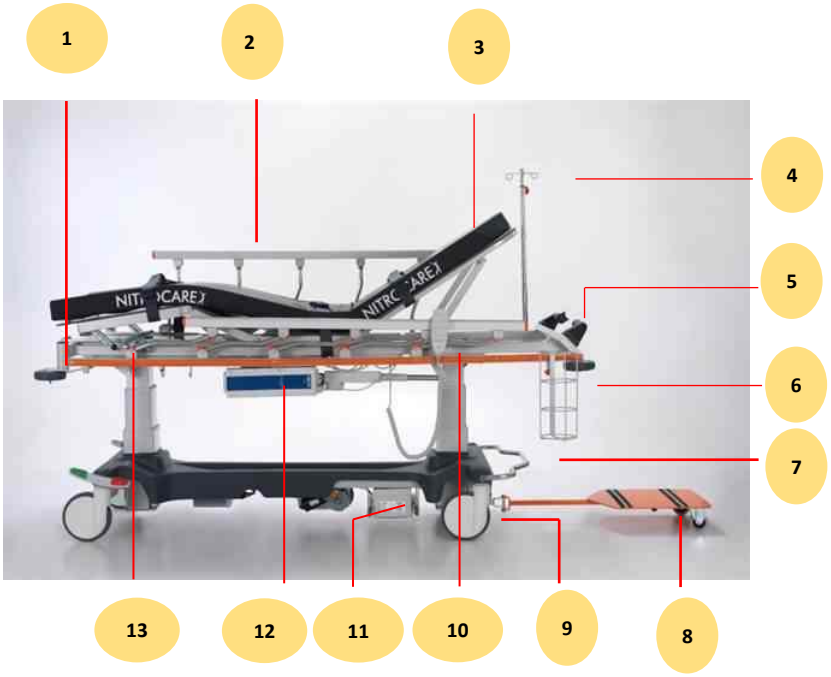
- No other non-production independent mechanism should be connected to the emergency response and transport stretcher.
- In case of any malfunction, it should not intervene except for the authorised technical service.
- More than one patient should never use the stretcher at the same time.
- When adjusting the stretcher in the desired position, attention should be paid to the condition of the patient and the bed environment.
- Deliver the defective plastic etc. materialsused in the emergency response and transport stretcher to the manufacturer or licensed waste company for environmental protection.
- Deliver the packaging materials such as cardboard, nylon, etc. used in product packaging to the licensed organisation or manufacturer company for environmental protection.
- The patient or carer is definitely in danger if
    - ❖ When moving the stretcher from one place to another when the floor and bed surroundings are unreliable.
    - ❖ If incorrect maintenance is performed
    - ❖ When the safe working weight is exceeded.
- Only spare parts supplied by an authorised workshop should be used. If spare parts from other suppliers are used, the stretcher manufacturer accepts no responsibility for any damage, loss or injury.
- The emergency response and transport stretcher should be wiped with a damp cloth with a cleaning and disinfection solution with water at room temperature.

4. SYMBOLS AND LABELS ON THE PRODUCT

	CE marking		Direction sign
	Accompanying documents		Suitable for indoor use.
	Read the user manual		General Warning Sign
	Safe payload:150 kg		Entrapmenthazard
	Static Standing Load:175 kg		Centre brake travel position
			Company contact information, barcode number, product model, serial number, production date, label with medical device class

WARNING: If you see that any of the labels on the product is missing, please request from the manufacturer.

5. STRETCHER GENERAL VIEW



1	Protective bumper
2	Side railing
3	Backrest platform
4	Serum holder
5	Stretcher driving arms
6	Oxygen cylinder holder
7	Central brake pedal
8	Metal removable transport unit
9	Ø200 castor
10	Hand control
11	Battery
12	Control panel
13	Side railing locking lever

6. AREA AND CONDITIONS OF USE

Emergency response and transport stretcher; It is designed for the treatment of adults according to areas of use such as closed environments where emergency and medical interventions are performed in the hospital. Using emergency response and transport stretchers outside of the instructions for use can cause serious injuries and poses a danger.

Use the emergency response and transport stretcher in areas approved by the manufacturer and according to its

The emergency response and transport stretcher may pose a hazard depending on the temperature and humidity of use. Use the stretcher in the following environments. Temperature Range -10° C to +40° C

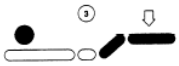
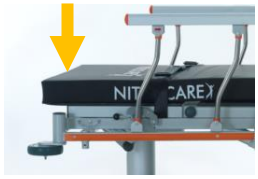
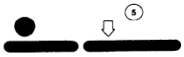
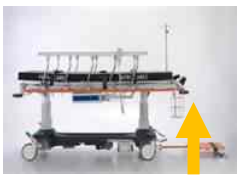
- Relative humidity between 30 and 75

7. APPLIED STANDARDS AND REGULATIONS

The emergency response and transport stretcher complies with the following standards and directives.

EU 2017/745 MDR replacing Directives 93/92 EEC
TS EN ISO 9001
TS EN ISO 13485
TS ISO 45001
TS ISO EN 14000
TS EN ISO 14971
TS 6606

8. SYMBOLS RELATED TO CONTROL TOOLS AND PERFORMANCE

	Downward function of the back section 		Upward function of the back section 
	Upward function of the foot section 		Foot section downward function 
	Straight Trendelenburg 		Reverse Trendelenburg 
	Downward straight position movement function 		Upward straight position movement function 

8.1. Stretcher Safe working load percentile divisions

REGION	VALUE
A	45% OF THE SAFE WORKING LOAD OF THE BACK SECTION
B	SEATING SECTION 35% OF THE SAFE WORKING LOAD
C	LEG SECTION 20 % OF THE SAFE WORKING LOAD
SWL	SAFE WORKING LOAD

9. Transport and installation of the stretcher

9.1. Transport

Considerations for a safe transport;

- Make sure thatthe wheels are locked when the patient is placed on the stretcher
- Transport thebedding on suitablegrounds.
- Checkthatthebrakesare on when travelling.
- Removeaccessoriesthatmay fall off during movement.
- Make sure thatthe wheels are locked during loading and unloading.
- Transport thestretcher on suitablesurfaces.
- Checkthatthebrakes are on when travelling.
- Removeaccessoriesthatmay fall off during movement.
- Make sure thepatient is in thecentre of thestretcher.
- Make sure thatthe side rails are up.

9.2. Installation

Adjust the stretcher as follows

- The following rules must be followed during the installation of the stretcher.
- Please refer to the scope of delivery and stretcher variants.
- Attach the accessories accordingly.
- Make sure that the ground is suitable during the installation process.
- Deliver the dismantled packaging to the necessary places for environmental health.

NOTE: If any problem is encountered during the installation of the Emergency Response and transport stretcher, the intervention should be carried out by PEDIA PALS technical service personnel.

CAUTION: Risk of injury
During installation, install moving accessories last, as there is a risk of injury from falling.

CAUTION: Improper installation on the emergency stretcher may cause damage.
Stretcher assembly should be carried out by technical service personnel or trained hospital personnel

10. OPERATION

10.1. Initial Start-up

Prepare the bed as follows;

- Check the electrical connection points (socketinputs) beforepluggingthestretcherinto the socket.
- Check the connections of the earthing cables.
- Check the insulation of the connection cables. Check for any deformation or crushing.
- Check the wheels and also check the function of the brake system wheels.
- Plug the power cable into the socket for power supply. Make sure the power is switched on
- Switch on and check the back, foot, height and other function motors.
- Check the control controller.
- Check the function of the side rails.

CAUTION: Risk of injury when performing the emergency response and transport stretcher ction

Ensure that there are no body parts between the emergency stretcher platform.

When adjusting the positions of the emergency stretcher, stay away from entrapment zones.

Do not move the emergency stretcher beyond the safe load.

---

11. ELECTRICAL SYSTEM AND CONTROL ELEMENTS

11.1 Motion Functions

The emergency response and transport stretcher has a control box, foot motor, back motor, height motor and hand control. As a working principle, the system is formed by the control box receiving the data and performing the functions of the functions with the command process given from the hand control. Motors Below is the connection diagram of the system. Safety rules must be followed during connection. Please read the instructions carefully. Read the electrical information on the product label.

The components and structure of Transport Stretcher models are designed in accordance with safety rules. The models have IPX4 / IPX6 degree of protection.

WARNING Electrical intervention should be carried out by authorised and trained personnel and support should be obtained from the manufacturer when necessary.

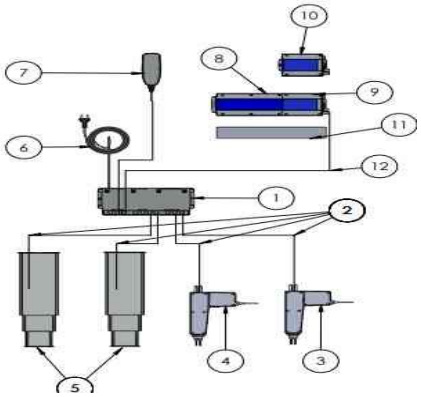
CAUTION: Do not touch the control box, motor and cables while performing the emergency stretcher function.

CAUTION: If the emergency stretcher is connected to an off-grid power supply, check the periodic checks of the power supply and refer to the instructions.

CAUTION: Electrical intervention must be carried out by trained personnel. Accidents due to electric shock may occur

Electrical System Connection Diagram

ÜRÜN	OGE	PARÇA	ADET
SEDYE 14	1	CU20047.00	1
SEDYE 14	2	00914948-1700-B	4
SEDYE 14	3	LINAK MOTOR AYAK (312155-01)	1
SEDYE 14	4	LINAK AYAK (312100+0120004P)	1
SEDYE 14	5	LINAK LIFT BL141HA11400A	2
SEDYE 14	6	SML912068	1
SEDYE 14	7	LIFTI (HB8545V0013+61)	1
SEDYE 14	8	RAJ1044-00	1
SEDYE 14	9	LINAK COBC00000HC00031	1
SEDYE 14	10	CHU2000003DA011	1
SEDYE 14	11	MBJ2	1
SEDYE 14	12	[illegible]	1

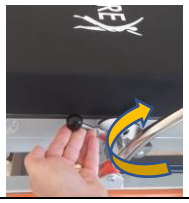


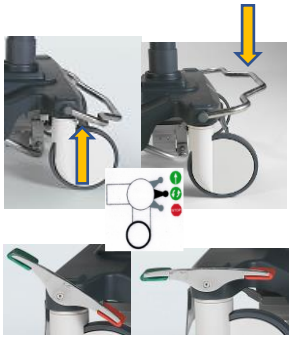
ELECTRICAL PROPERTIES

COMPONENT	MANUFACTURER / BRAND	TECHNICAL INFO

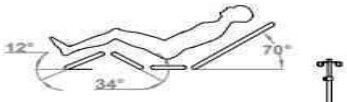
FOOT MOTOR	LINAK - DEWERT - POLİMOD	IMPORTAL / 3500 N / DC / IPX4 / IPX6 / 24V / Max. 5.0 A
BACK MOTOR	LINAK - DEWERT - POLİMOD	IMPORTAL / 4000 N / DC / IPX4 / IPX6 / 24 V / Max. 3.5 A
HEIGHT LIFTS	LINAK - DEWERT - POLİMOD	IMPORTAL / 2000 N / DC / IPX4 / IPX6 24V / Max. 5.0 A
CONTROL BOX	LINAK - DEWERT - POLİMOD	IMPORT /100-240 V ~ / 50/60 Hz / Max. 5 A / IPX6
HAND CONTROL	LINAK - DEWERT - POLİMOD	IPX4 IPX6

11.2 Electronic and mechanical control elements

<table>
<tr>
<td>  </td>
<td>  </td>
<td></td>
<td colspan="2">Side Railing Movement

When you pull the siderail locking lever upwards, apply forward force to the siderail and the siderail will function downwards.</td>
</tr>
<tr>
<td>  </td>
<td>Driving Handles
The stretcher moves when the button on the movement levers is pressed.</td>
<td></td>
<td>  </td>
<td>Central Brake System
In the central braking system, when the pedal is lifted up, the stretcher moves linearly, when the pedal is in the middle direction, it moves freely, when it is in the down direction, the brakes are activated.</td>
</tr>
<tr>
<td>  </td>
<td>Angle Gauge
Shows the straight and reverse trendelenburg angles of the stretcher.</td>
<td></td>
<td>  </td>
<td>Serum Holder Movement
When the orange serum holder handle is turned to the left, extension is provided and when it is turned to the right side, the serum holder is fixed.</td>
</tr>
</table>

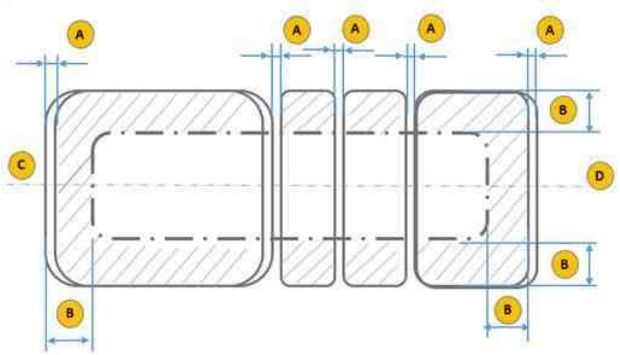
12. Technical Dimensions



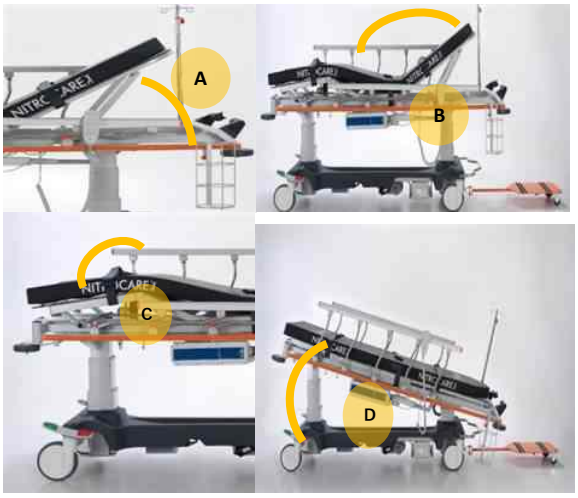
NITRO 600054 DRIVE EMERGENCY RESPONSE AND TRANSPORT STRETCHER TECHNICAL SPECIFICATIONS				
			Measure	Unit
A	Stretcher length with transport unit (outside to outside)		2730	mm
B	Stretcher Width (Outside to Outside)		990	mm
C	Stretcher Height	min.	520	mm
		max.	920	mm
α	Back Angle		0-70	° C
β	Safe Load Capacity		150	Kg
θ	Static Carrying Capacity		175	Kg
	Wheel Diameter		Ø200	mm
	Trendelenburg Angle		17	° C
	Mattress		28	d

13. Jamming distances

REGION	VALUE



A	The gap between moving parts must be less than 8 mm (no gap) or more than 25 mm.
B	The hatched area represents the accessed impingement zone for the fingers 200 mm from the outer surface.



REGION	ANGLE
A (Angle between the backrest and the level plane)	0° - 70°
B (The joint point of the line drawn between the backrest section and the section/sitting section where the lower part of the leg is placed and the section/sitting section where the upper part of the leg is placed and the section/sitting section where the lower part of the leg is placed	Min 90°
C Theangle B between the horizontal plane and the line drawn between the joint point of the backrest section/seating section and the joint point of the section where the upper part of the leg is placed and the section where the lower part of the leg is placed is at least between 0° and 12° .	0° -12°
D (Trendelenburg angle) should be adjustable.	Min 17°

14. MAINTENANCE, REPAIR AND CLEANING INSTRUCTIONS

14.1 Maintenance and Repair Periods

ATTENTION

Injury may result from improper maintenance.

- ✓ If the maintenance supervisor is unsure, he/she should seek support from the manufacturer.
- ✓ Take necessary safety precautions before maintenance.
- ✓ Do not use spare parts not recommended by the manufacturer.
- ✓ Do not perform maintenance while the stretcher is in functional movement.

NOTE: Maintenance records should be kept for each emergency response and transport stretcher and these should be carried out at regular intervals.

14.2 Monthly Maintenance

- Check the moving parts of the stretcher (back, height, trendelenburg movement etc.)
- Check the joining elements (bolts, nuts, etc.)
- Check the accessory slots for any wear and tear.
- Check the wheels and their function.
- Check the brake system.
- Check the siderail movement functions.
- Check the X-RAY movement.

14.3 Annual Maintenance

- Check the joints of the movement functions.
- Check the stretcher joints.
- Check the brake system bolts and joints.
- Check the functions of the hydraulic parts and check for any leakage or leakage.
- Check the back shock absorber. Check the shock absorber connection bolts and function.
- Check the wheel function and check the wheel mounting bolts.
- Check the side railing connection points and fasteners.
- Check the X-RAY movement and check the connection bolts. And check the function of the brake lever.

WARNING

- ✓ Malfunctions caused by errors in use and spare parts demand are excluded from the scope of warranty.
- ✓ Maintenance should be carried out by trained hospital staff, if any problems are encountered, our company's technical service unit should be informed.
- ✓ Check all bolts and tighten if necessary
- ✓ Replace worn accessories
- ✓ Do not replace worn materials with faulty materials.

Receiving spare parts requests and information

- ✓ PEDIA PALS Technical service
- ✓ service@pediapals.com
- ✓ 1-888-733-4272

15. Cleaning / Disinfecting Instruction

15.1 Cleaning

- Use suitable detergents for cleaning. The VOC values of these detergents should be at appropriate values that will not harm the environment and people.

- Do not use abrasive powders, steel wool, steel wire brushes or abrasive sponges and cleaning agents that may damage the product surfaces.
- Do not use detergents with solvents that can affect the structure and consistency of plastic (benzene, toluene, acetone, etc.)
- Clean the stainless steel areas of the product with maintenance spray, the pH value of the cleaning spray: 10.2.
- The density value of the maintenance spray should be 0.855 g/cm³.
- Must be biodegradable.
- The cleaning spray must not contain AOX.

15.2 Disinfecting

- The disinfectant Detrosept AF applied in the disinfection process must be a fast-acting alcohol-based spraying and wiping disinfection product that does not contain phenol and aldehyde.
- Disinfecting use is applied by spraying to completely cover the pre-cleaned medical device (spray distance 30 cm). For its effectiveness, it should be kept for the duration of microbiological activity and the product should be wiped by choosing a sterile, non-particulate cloth.
- **Properties of the disinfected product;**
  - ✓ Effective in 1 minute (bactericidal, fungicidal, virucidal, tuberculosidal)
  - ✓ Aldehyde and phenol free
  - ✓ Compatible with glass, ceramic, silicone, plastic (including plexiglass), wood, aluminium and stainless steel materials
  - ✓ Broad spectrum of action
  - ✓ 10% ethyl alcohol, 20% propane 2-ol, 0,25% Didesylmethylpoly(oxyethyl) ammonium propionate, preservative additives, perfume deionised water
  - ✓ didecylmethylpoly (oxyethyl) ammonium propinate, protective

- **Storage conditions of the disinfected product;**
  - ✓ The expiry date must be 2 years from the date of production.
  - ✓ Keep the packaging tightly closed in a well-ventilated area between 0-25° .

Use disinfectant with special properties.

WARNING:
Disinfectant is flammable. Keep away from sources of ignition. Irritant Avoid contact with skin and mucous membranes. In case of contact with skin, rinse with plenty of water.

WARNING:

Do not spray directly on electrical devices. Take action after switching off the electricity.

16.SAFE STORAGE OF STRETCHER

To prevent damage to the emergency stretcher during storage;

- ✓ Remove the emergency stretcher accessories and position them properly horizontally on the stretcher.
- ✓ Pack the patient emergency stretcher so that there are no moving parts due to involuntary shaking.
- ✓ Keep emergency stretcher height to a minimum
- ✓ Adjust the position of the emergency stretcher so that it is level.
- ✓ Switch the brakes to the off position.

- ✓ Do not place the stretcher under load during storage.

17. ENVIRONMENT

PEDIA PALS carries the idea of taking great steps in protecting the environment by considering future generations. The materials of this product are environmentally compatible. It does not contain hazardous substances. Attention should be paid to the symbols and signs as information is provided with the symbols and signs used. The product uses recycled steel, electrical components, packaging materials, plastics and wood materials.

- Return the packaging materials to the manufacturer or a licensed recycling company.
- Return the used defective plastic materials to the licensed recycling company or the manufacturer.

NOTE: For necessary information, support should be obtained from our after-sales service unit.

18. GUARANTEE

PEDIA PALS shall only be held responsible for regular servicing and product reliability.

This product is covered by a 24-month warranty from the date of purchase. Defects caused by production and assembly defects are free of charge. Defects caused by usage errors are not covered by the warranty. Product use is determined within the framework of the terms and conditions determined by the standard.

19. CONTACT US

MANUFACTURING COMPANY

BRAND: PEDIA PALS

ADDRESS: 230 Grider St. Buffalo, NY 14215 USA

PHONE NO: 1-888-733-4272

E-MAİL: sales@pediapals.com

TYPE: Hospital Furnishings And Equipment For Medical Purposes

MODEL: 600054

LIFE OF USE: 10 YEARS

SERVICE STATION: Pedia Pals