

Instruction Manual

erbe



Installation and maintenance must be performed by qualified technical personnel and following the assembly and maintenance instructions (see dedicated section “Assembly” and “Maintenance”) of this manual.

Scan the QR code to find the instruction in your language

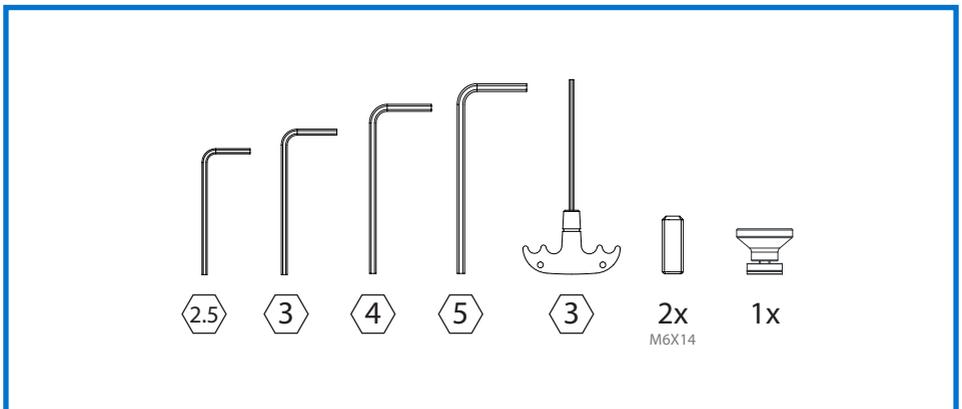


https://multix-trolley.com/ifu/t6c_erbe/

ASSEMBLY INSTRUCTION



The Trolley X5L is a Class I medical device according to the classification rules of Annex VIII and bears the “CE” marking in accordance with the Medical Device Regulation (MDR) (EU) 2017/745. It complies with IEC 60601-1:2005+AMD1:2012+AMD2:2020 and meets the general safety and performance requirements of Annex I of the aforementioned Medical Device Regulation.



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ASSEMBLY INSTRUCTION

20861-004 - Smart Cart with isolation transformer

! If any accessory is present, please refer to the related instruction before assembling the trolley

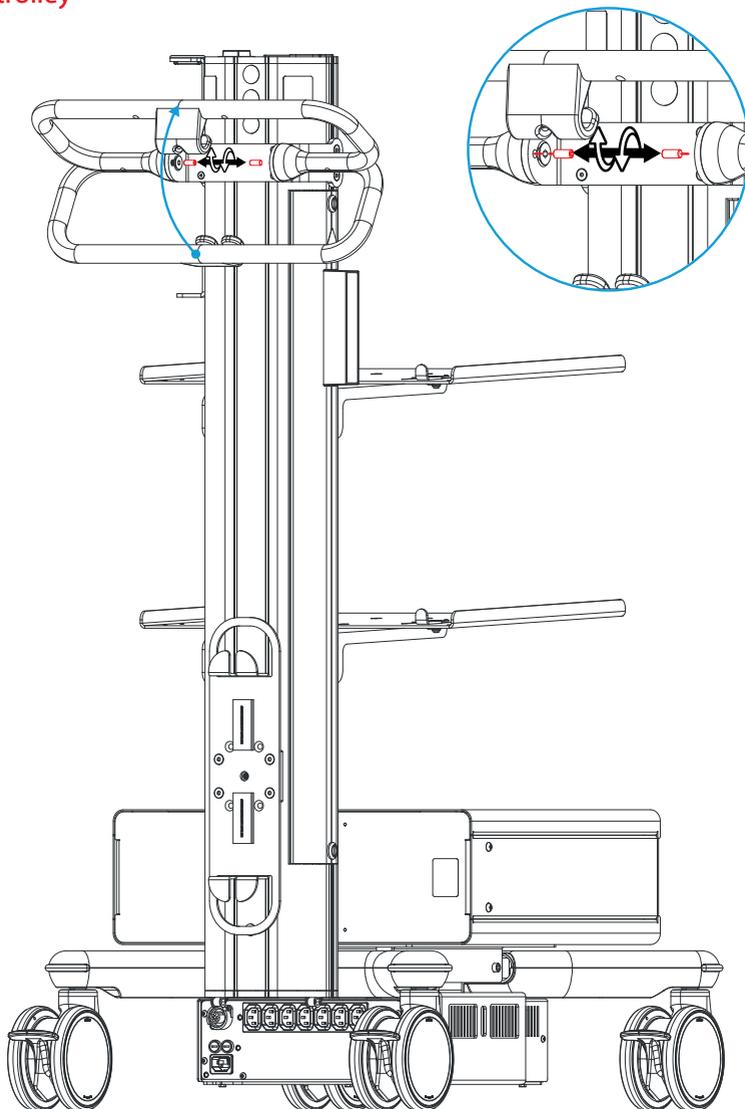
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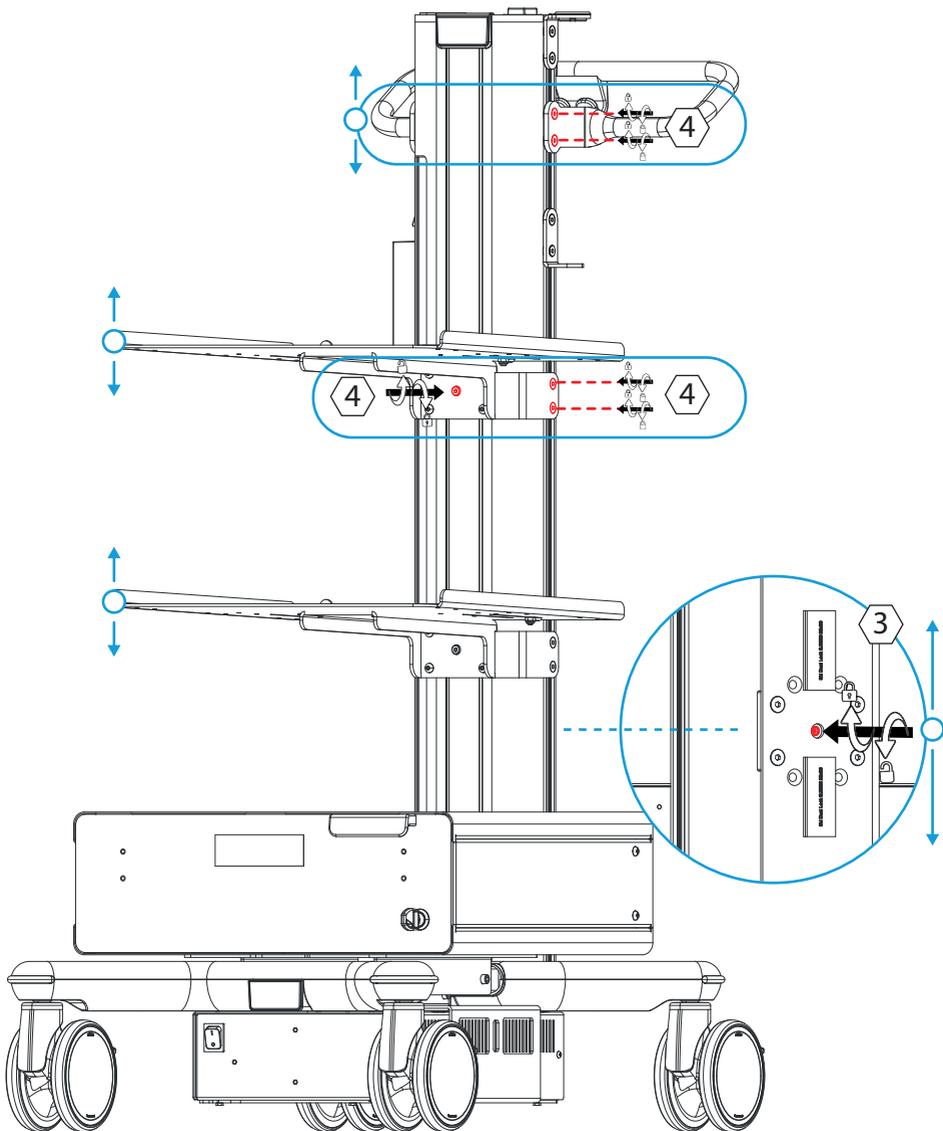


2x

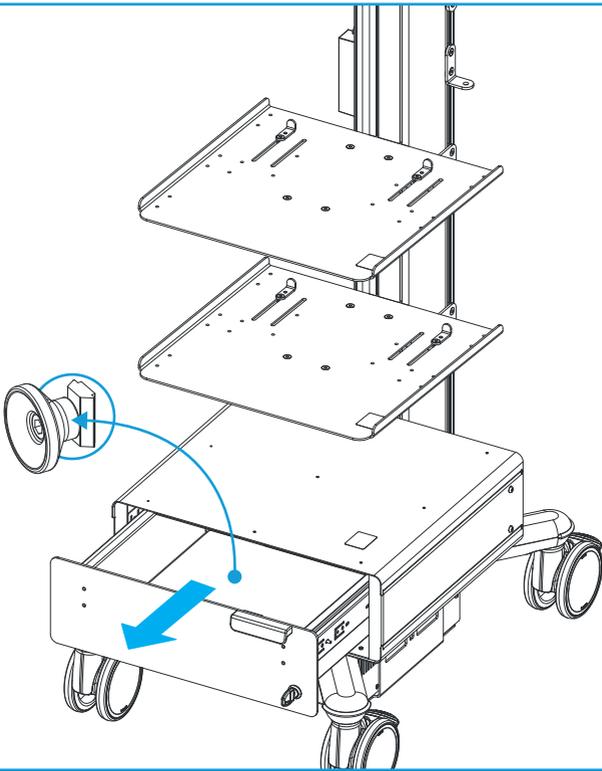
M6X14

3





2

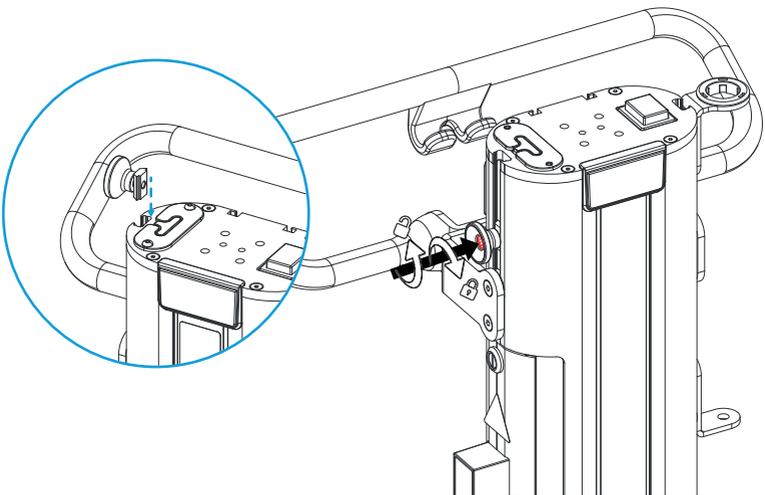


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1x

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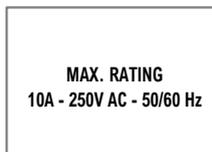
Important Notices

INTENDED USE

The **Smart Cart with isolation transformer - 20861-004** allows the transport of **devices and their accessories** between multiple therapy sites within hospital environments and care facilities.

GENERAL SAFETY REQUIREMENTS

- The trolley manual must be read carefully before use.
 - This user manual is an integral part of the trolley. It must therefore be kept for the entire duration of use of the product for future reference.
 - The product was created exclusively for the methods indicated in the user manual. Any other use is considered improper.
 - In case of doubt, please contact the manufacturer.
- Multix Solutions is not liable for personal injury and/or property damage resulting from improper use.**
- Tampering with or damage caused by improper use of the trolley will immediately invalidate the warranty.
 - Modifications to the device are not permitted.
 - Repairs may only be carried out by Multix Solutions or expressly authorized personnel.
 - Multix Solutions is only responsible for the safety, reliability, and performance of the device if modifications and repairs are performed by Multix Solutions or personnel expressly authorised by Multix Solutions to perform such tasks.
- To ensure patient safety and interference-free operation, we recommend using only original Multix accessories. Multix Solutions accepts no liability for the use of accessories that are not included on the trolley.
 - Subsequent installation of Multix system components must be carried out by qualified personnel.
 - Anyone who makes changes to the system by installing accessories and/or additional equipment on the trolley is configuring the system and is responsible for ensuring that the system complies with the valid version of CEI 60601-1.
 - Observe the maximum power (VA or amperes) that can be drawn from the sockets as indicated by the label on the trolley



- Please note that it is not possible to connect an additional power strip to the existing power strip.
- Only devices complying with the requirements of EN IEC 60601-1 may be connected to the existing power strip.

Important Notices

- The multiple socket may only be used to supply power to devices that are part of the medical electrical system installed on the trolley; connecting a device that is not part of the medical electrical system may lead to danger.
 - In the electromedical system resulting from the assembly of medical devices on the trolley and powered by the power strip, the current in the protective earth conductor of the power strip must not exceed 5 mA.
 - When connected to a power strip, the plugs must be secured by means of anti-extraction devices provided on the trolley.
- All accidents involving the X5L trolley must be reported to the manufacturer.**

GENERAL SAFETY WARNINGS AND CAUTIONS

The safety of the trolley is ensured by observing the following warnings:

- Check that the trolley corresponds to the product required.
- Check that it is not broken or damaged during transport.
- Check that the moving and locking parts, such as wheels, brakes and (if present) the gas spring, are functional.
- Before assembling the system and its accessories, all four wheels of the trolley must be locked.
- When the trolley is not in use, ensure that the trolley wheels are locked and that the system is not parked on uneven surfaces.
- All trolley wheels must be unlocked before pushing the trolley.
- The device is only suitable for indoor use.
- The device is not suitable for potentially explosive, oxygen-rich or flammable environments.
- Do not use the trolley inside explosive environments when an isolation transformer is mounted on it.
- The product is not intended for use within MRI environments.
- Do not store containers of liquids on top of the trolley to avoid electrical shocks caused by liquids leaking inside the structure and onto electrical equipment.
- If electrical equipment is connected to the power strip, an ME (Medical Electrical System) is created and the level of safety is reduced.
Verify the mutual electromagnetic compatibility of the different equipment placed inside the trolley structure.
The person responsible for the installation of this ME system must ensure that the ME system complies with the requirements of EN 60601-1 and Article 22 of the MDR.
- Only use equipment and accessories that are considered to be non-hazardous, that comply with the requirements of IEC 60601-1 or that have been tested according to IEC. In case of doubt, carry out a risk analysis (ISO 14971).

Important Notices

The following symbols are displayed on the product or within the instruction manual:



Caution



Operational instructions must be followed



CE Marking



Manufacturer



Date of manufacture



Batch code



Catalogue number



Medical Device



Refer to User Manual



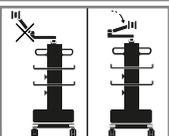
Distributor



Warning



Transport mode indication



Transport mode indication with articulated arm



Max. trolley load capacity



Conductor wheels: marked with a yellow dot



No pushing



Do not sit on the trolley



Fragile, handle with care



Orientation



Humidity limit



Temperature limit



Keep dry



Keep away from sunlight

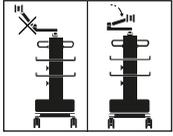
Unique Device Identification



Maximum accessory and peripherals load



Maximum shelf height



TRANSPORT MODE INDICATION WITH ARTICULATED ARM



REFER TO INSTRUCTION MANUAL-BOOKLET



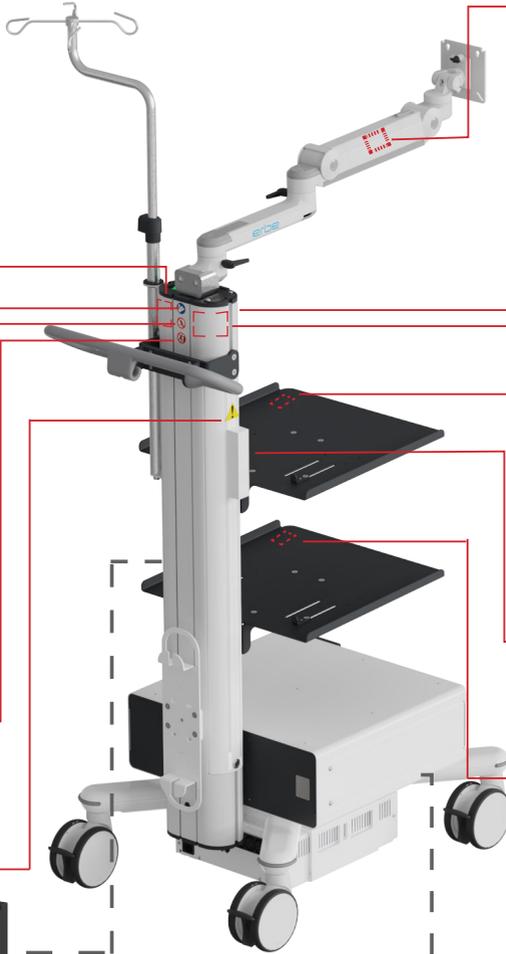
PUSHING PROHIBITED



IT IS FORBIDDEN TO SIT ON THE CART



ELECTICAL WARNING



MAX LOAD
16.5 kg
(36.3 Lbs)

MAX WEIGHT SUPPORTED BY THE POLE



IDENTIFICATION LABEL



TRANSPORT MODE INDICATION



MAX LOAD
15 kg
(33 Lbs)

MAXIMUM LOAD CAPACITY OF THE SHELF



MAXIMUM SHELF HEIGHT

MAXIMUM HEIGHT OF THE UPPER SHELF

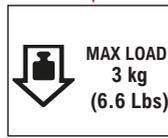


MAX LOAD
15 kg
(33 Lbs)

MAXIMUM LOAD CAPACITY OF THE SHELF

MAX. RATING
10A - 250V AC - 50/60 Hz

MAX RATING
E_001_X5



MAX LOAD
3 kg
(6.6 Lbs)

MAX LOAD CAPACITY INTERNAL DRAWER



MAX LOAD
12 kg
(26.4 Lbs)

MAX LOAD CAPACITY OF THE TOP OF THE DRAWER

ACCESSORIES AND SPARE PARTS

To ensure patient safety and interference-free operation, we recommend using only original Multix accessories and to pay attention to the minimum and maximum permissible load when printed on the component.

The user/system operator is responsible if non-Multix accessories are used or if they are overloaded.

Contact info@multix-trolley.com for a complete offer of available accessories.

Only use spare parts supplied by Multix Solutions.

Damaged parts should only be replaced by qualified personnel.

Please contact your local distributor and/or Multix Solutions for spare parts.

ARTICULATED ARMS

Please also observe the following instructions:

- When the articulated arm on which the instruments are mounted is positioned horizontally or adjusted in height, ensure that the surrounding space is free and adequate for the size of the instruments supported.
- The mounted instruments must not collide with other instruments, other components, the supporting structure or the walls.
- When the articulated arms need to be dismantled or their position changed, it is essential to first remove the instrument mounted on them.
- When an articulated arm is present in the configuration, it is mandatory to mount a drawer for the X5L platform on top of the base.
- Ensure that the minimum and maximum loads printed on the component are observed.

ISOLATION TRANSFORMER and INSULATION MONITOR

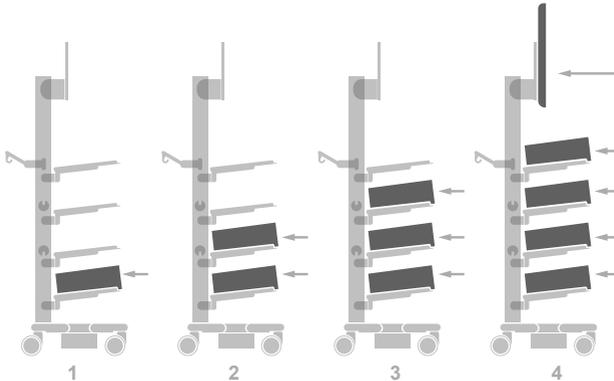
For all information related to the isolation transformer and the insulation monitor, please consult the instruction manuals supplied with the transformer and the monitor supplied with the trolley.

Important Notices

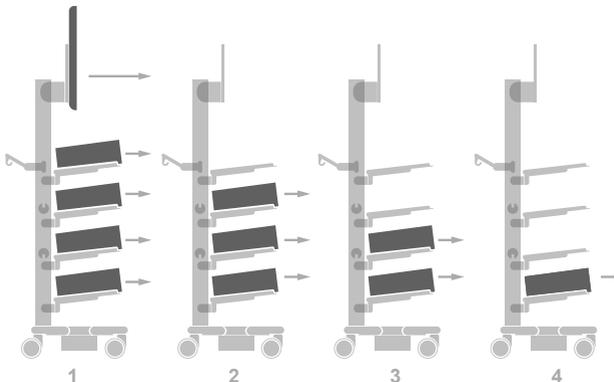


INSTRUCTIONS and LOADING sequence

- IT IS FORBIDDEN TO SIT ON THE TROLLEY OR ITS SHELVES
- IT IS FORBIDDEN TO PUSH WHEN THE WHEELS ARE LOCKED
- **Observe the maximum loads printed on the surfaces of system components (e.g. trays) and peripherals.**
- Ensure that the **total weight of the assembled configuration** (including devices and accessories) **does not exceed the total weight indicated on the label attached to the trolley and on the next page in the “transport position and direction” section.**
- arrange the equipment on the trolley in the order of loading described below:
THE TROLLEY MUST BE LOADED FROM THE BOTTOM UPWARDS;
HEAVY DEVICES MUST BE PLACED ON THE LOWER SHELVES.
MOUNT AND LOAD THE MONITOR SUPPORT LAST.



PROCEED IN REVERSE ORDER WHEN UNLOADING THE TROLLEY.



- once the trolley is loaded, check that all products are secured to prevent them from falling.

FAILURE TO FOLLOW THESE INSTRUCTIONS MAY CAUSE THE TROLLEY TO TIP OVER!

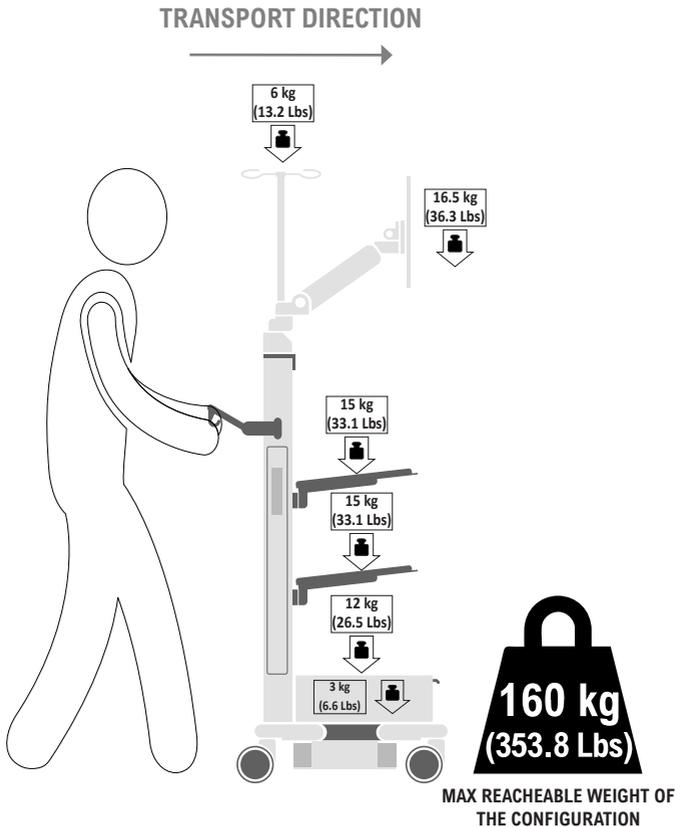
Important Notices

POSITION AND DIRECTION OF TRANSPORT

Transport must be carried out under the following conditions:

- Before moving the trolley, ensure that the power cable is disconnected from the mains and that the wheels are unlocked and free.
- Check that all equipment/products on the trolley are secured against falling.
- If present, fold back into the parking position and secure all articulating arms.
- When moving the trolley ensure that **the transport is carried out pushing the handle in frontal direction** as shown in the figure below.
- If present, remove the 10L cylinder before transporting the trolley.
- Avoid exerting excessive force when pushing the trolley.
- Move the trolley with a maximum speed of 4 km/h
- To prevent the trolley from tipping over, the handle must be held if the trolley is pushed over obstacles (e.g. power cables).
- On ramps with a maximum slope of 10° ensure that the trolley can be stopped at all times.

Although every precaution has been taken to ensure the maximum stability of this product, attention must be paid to uneven floors, lift door frames, cables, etc. to avoid accidents.



Appendix

MAINTENANCE



Installation and maintenance must be performed by qualified technical personnel and following the assembly and maintenance instructions (see dedicated section “Assembly” and “Maintenance”) of this manual.

- Check all fastening points and mechanisms every 6 months to ensure safety.
- Maintenance must be carried out by qualified technical personnel
- In the event of problems with the maintenance check, contact the manufacturer directly.
- Follow the storage and transport instructions below and on the packaging for proper handling of the trolley:

Ambient temperature: between -20 °C and 60 °C

Atmospheric humidity: 5% - 85% RH

CLEANING

- Clean metal and/or plastic surfaces regularly with non-corrosive, pH-neutral cleaning agents and a soft bristled cloth/sponge/brush.
- Do not pour liquid detergents containing chlorine or ammonia or oily or greasy substances directly onto surfaces.

SERVICE LIFE AND DISPOSAL

- The service life of the product is 10 years.
- The trolley, the packaging and the electrical and electronic parts inside must be disposed of according to local or national regulations.
- Electrical and electronic equipment must be disposed of in accordance with the WEEE directive. For more information, please refer to the disposal instructions in the user manual received with the equipment.

| | |
|---|--|
| cardboard box and internal reinforcements  CARDBOARD | inner packaging  LOW DENSITY POLYETHYLENE |
|---|--|

- For more information, contact your local distributor.

Distributed by: Erbe Elektromedizin GmbH



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