

# CAT I™

Stander



## **ATTENTION!**

Manufacturer takes responsibility for proper usage of the device only when the product was purchased from qualified Akces-MED Ltd. employee or at specialized medical store!

Akces-MED Ltd. reserve the right to introduce technical and trading changes in the content of the instruction without warning.



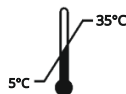
Product is Class I medical device, of rule 1, consistent with the requirements of Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices.

The manufacturer has issued an appropriate declaration of conformity for the product.



Akces-MED Ltd. company introduced quality management system ISO 13485 regarding production, sales and service.

The system is certified by SGS.



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# Introduction

Stander CAT I™ was created with a view to help children in adoption of the upright position. The upright standing contributes to the acquisition by children a new experience from the nearest environment and stimulates their psycho-physical development. In addition, it regulates the physiological processes and oxygenates the body of the child. There are many advantages during use of the CAT I™.

Adjustable tilt angle (from 25° to 85°) even with a child in the device. Extensive system of belts and supports makes the child feel safe and secure.

As far as this product is concerned, it is made of ecologic and environmentally friendly materials, and is also hand painted.



Remember to read this user manual carefully. You will find not only useful information but also guidelines regarding safe and effective use of the product.

If you have any questions or remarks, do not hesitate to contact with us:

Medical consultant: mobile +48 516 183 883

Akces-MED Ltd.: ph. +48 17 864 04 70

e-mail: [export@akces-med.com](mailto:export@akces-med.com)

## ATTENTION!

Before using the stander, read this user manual which is essential for proper and safe usage of the stander.

Remember that complying with guidelines is highly important. It assures safety and extends durability as well as aesthetics of the device.

# 1. The purpose of user manual

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## ATTENTION!

The present user manual contains basic information which is essential for: preparation before use, proper usage, maintenance, cleaning and guarantee conditions.

User manual should be kept in easily accessible place. It is designed for people who look after the disabled, and for both doctors as well as physiotherapists who operate the device.

Before using the CAT I™ stander, user is obliged to familiarize himself / herself with user manual.

## 2. Indications and contraindications for use

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The standing frames are intended for people with orthopedic, neurological and cardiological diseases and for people after surgery who are unable to adopt and maintain a standing position on their own as a result of prolonged immobilization. The device is an irreplaceable aid in the rehabilitation process, both in terms of movement and social integration. It is great help in everyday activities such as rehabilitation but also during playing or studying. The selection of the appropriate size of the device depends on medical indications and anatomical parameters, regardless of the age of the user.

### **It is recommended for users in the following cases:**

- cerebral palsy – various types and forms,
- brain and spinal cord injuries with lower limbs paralysis and weakness, balance and motor coordination disorders with different etiology,
- demyelinating disease (e.g. multiple sclerosis – SM),
- meningocele,
- muscles diseases with weakness and paralysis (dystrophy, myasthenia gravis, myositis),
- genetic disorders,
- degeneration and neurological diseases,
- other condition connected with muscles weakness, paralysis and musculoskeletal disorders,
- after head and spinal cord injuries and spine trauma with paralysis and paresis.

## 2. Indications and contraindications for use

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### **Contraindications:**

While standing upright, the user who is in a standing position should be closely monitored. The therapy should be discontinued in case of such side effects as: turning pale, sweating or fainting, joint strain and the resulting deformities of the body. Further proceeding should be consulted with the medical specialist or a physiotherapist who prescribed the treatment.

The critical condition of the user is an absolute contraindication to standing upright.

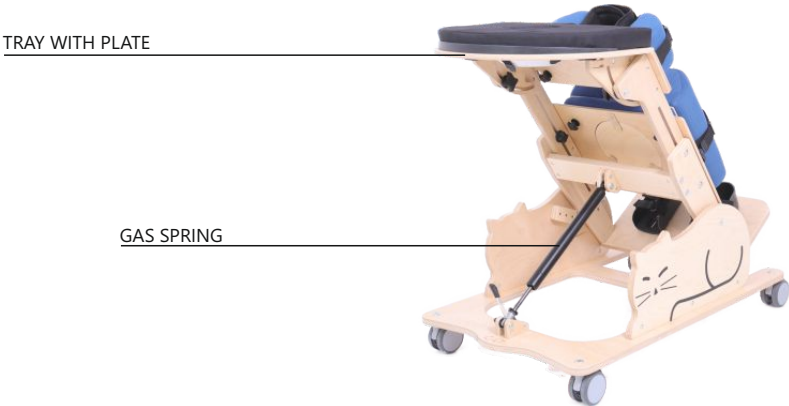
Relative contraindications for upright standing are: arterial hypertension at rest above 200/110 mmHg, pulmonary hypertension, cardiac arrhythmias, unstable asthma, unstable metabolic disorders, moderate heart valve disease.

- Any condition, such as a healing fracture or severe osteoporosis, that makes it impossible to bear the user's own bodyweight.
- Bone fracture with incomplete union, unless approved by a doctor.
- Postoperative restrictions on joint loading.
- Pain while standing in the standing frame (caused by subluxation or dislocation of the hip joint, overstretching of soft tissues or excessive pressure). Subluxation or dislocation of the hip joint in the absence of pain is not a contraindication.

People with significant flexion in the hip or knee joints, as well as with contractures in the ankle joint, may not be able to use the standing frame. Make sure that the position of the user in the standing frame does not cause excessive pressure or stretching of affected areas of the body. In such cases, standing upright may be contraindicated until a greater range of motion is achieved in the contracted joints.

In case of people with impaired cardiovascular system (arterial hypertension at rest above 200/110 mmHg, pulmonary hypertension, cardiac arrhythmias, moderate heart valve disease); respiratory system (unstable asthma) and unstable metabolic disorders, it is necessary to monitor the user while standing in order to prevent serious complications.

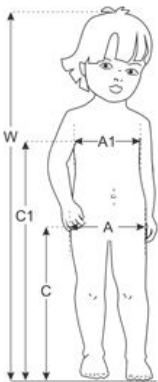
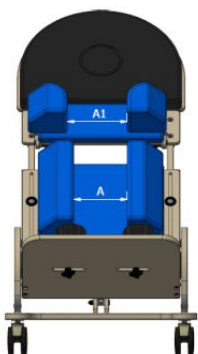
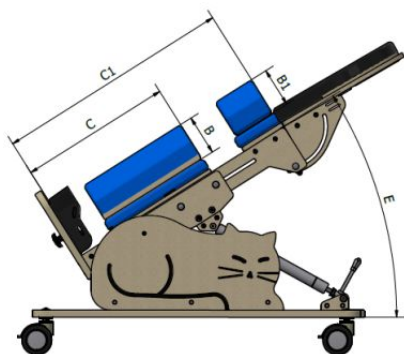
### 3. General characteristic of the stander



#### INFORMATION!

Available accessories can be found on the [akces-med.com](https://akces-med.com) website under the product tab.

# 4. Size table



Symbol	Measurement	Unit	Size 1
W	indicative user height *	[cm]	70 - 100
A	pelvic support spacing	[cm]	12 - 23
A <sub>1</sub>	chest support spacing	[cm]	12 - 21
C	pelvic support height	[cm]	38 - 60
C <sub>1</sub>	chest support height	[cm]	50 - 72
B / B <sub>1</sub>	chest and pelvic supports depth	[cm]	12
	footer length	[cm]	16 (size XS), 19 (size S)**
	footer width	[cm]	8
E	tilt angle	[°]	25 - 85
	max. user weight	[kg]	25

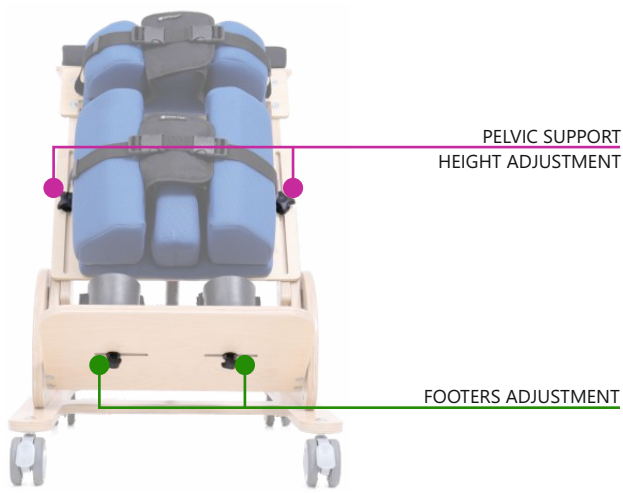
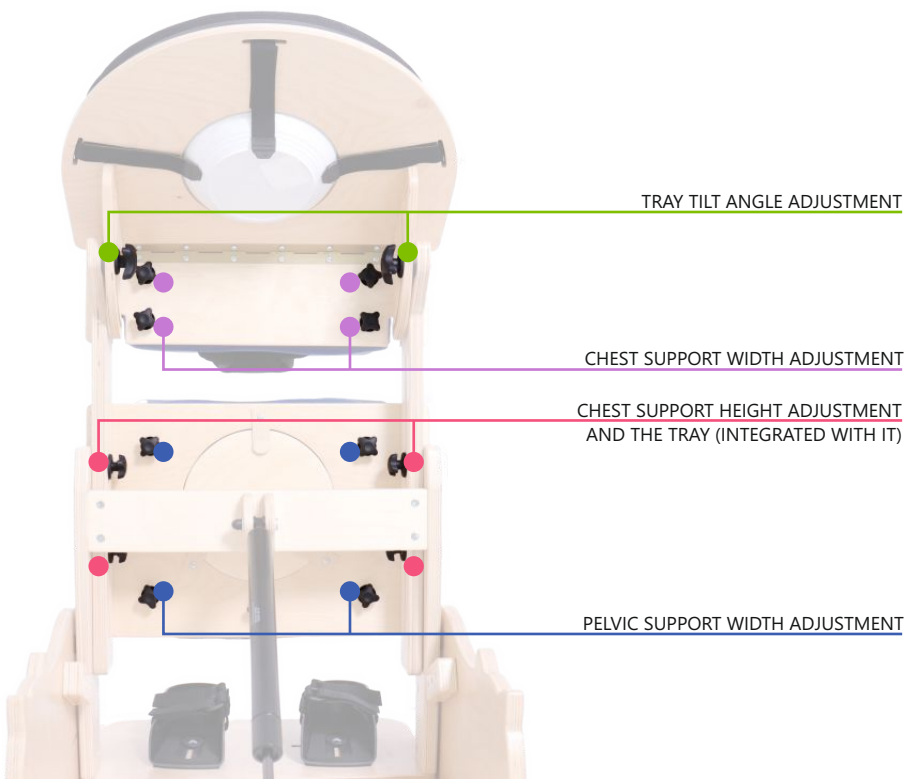
**Note:** Measurement tolerance range is +/- 1 cm / ½ in.  
 \* This measurement cannot be the main parameter while choosing the product size.  
 \*\* The stander is equipped with footers in size XS as standard. (It is possible to change the size S when placing the order.)

Weight and dimensions	Unit	Size 1
width	[cm]	54
length	[cm]	90 - 115
height	[cm]	64 - 123
weight	[kg]	18

**Note:** Measurement tolerance range is +/- 1 cm / ½ in.  
**Note:** Approximate value, depending of product configuration.



# 5. How to use the stander



## 5. How to use the stander

### 5.1 Chest support height adjustment



#### INFORMATION!

The chest support of the device is integrated with the tray. This means that when adjusting the height of the chest support, the height of the tray also changes. It is not possible to adjust the height of the components separately.

#### ATTENTION!

The knobs for adjusting the height of the chest support are located on both sides of the product. After completing the adjustment, remember to tighten the knobs, and before use, make sure that the adjustable components do not change their position under the influence of the applied force.

# 5. How to use the stander

## 5.2 Pelvic support height adjustment



### **ATTENTION!**

The knobs for adjusting the height of the pelvic support are located on both sides of the product.

After completing the adjustment, remember to tighten the knobs, and before use, make sure that the adjustable components do not change their position under the influence of the applied force.



## 5.3 Chest and pelvic supports width adjustment



# 5. How to use the stander

## 5.3 Chest and pelvic supports width adjustment



## 5. How to use the stander

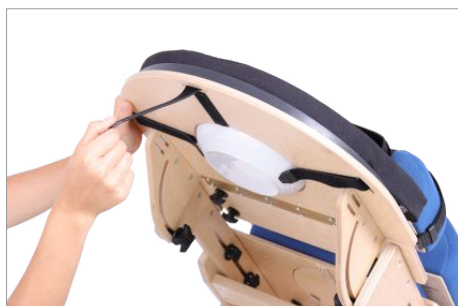
### 5.3 Chest and pelvic supports width adjustment





## 5. How to use the stander

### 5.4 Tray



# 5. How to use the stander

## 5.4 Tray



## 5. How to use the stander

### 5.4 Tray



#### INFORMATION!

When using a full top, the bowl can be placed where its full top was previously located. The bowl should be secured to prevent it from falling out.

### 5.5 Footers adjustment





# 5. How to use the stander

## 5.5 Footers adjustment



## 5.6 Tilt angle adjustment



## 6. The use of the stander

### **ATTENTION!**

Before using the product, user is obliged to familiarize himself/herself with user manual.  
Do not forget to prepare both product as well as user before using the device.

### 6.1 Preparation of the user

Before using the product, it is essential to make sure that:

- user's outfit is light and comfortable sporty clothes are advisable,
- shoes should be comfortable and, moreover, they should stabilize ankle,
- due to hygienic reason and to avoid abrasion it is advisable for the user to always wear clothes when using the device, skin must not be naked especially in places of regular contact with upholstery,
- drains, bags, catheters etc. if applied, have to be secured to function properly and not to disturb during using the product,
- if it is necessary for a user to wear orthopedic supply (collar, corset, orthosis, shoes) if it is recommended by doctor.

### **ATTENTION!**

Outfit should protect user's skin from direct contact with upholstery as well as other parts of equipment.

Only doctor can make a decision concerning using any kind of orthopedic supply!

### 6.2 Preparation of the stander

1. How to prepare the stander for use:

- assemble the standing frame, place the standing frame on an even and flat surface, away from sources of fire and high temperature,
- make sure that all the elements are undamaged, properly mounted and stable,
- block brakes,
- adjust the stander to the user's size and needs,
- undo the elements used to stabilize the user,
- place the user in the standing frame,
- fasten the elements which stabilize the user,
- start verticalization.

## 6. The use of the stander

### 6.2 Preparation of the stander

#### ATTENTION!

Before using the standing frame, make sure that all the belts and other elements have been properly adjusted, and all the knobs and fastenings of the adjustable elements are firmly tightened.

Equipment works correctly only when the device is adjusted according to user's measurements. Remember to take all these measurements into account while purchasing the product.

Correct adjustment is the most important due to the fact that only then the product is safe. It is forbidden to force child to keep specific position because user will feel uncomfortable and it may lead to wrong posture.

Remember to make sure that all belts and locking are correctly adjusted and fastened. Check also if fastenings from adjustable elements are firmly tightened.

### 6.3 Upright position

The length of time for upright position process is different for each user. It is recommended to extend this time during the initial period (adaption period for the change of position).

Either doctor or physiotherapist can make decision concerning the length of upright position process. Upright position process has to be always performed under the supervision of trained person!

It is recommended to divert user's attention during upright position process by educational games, manipulation games, touch stimulation and others.

#### ATTENTION!

It is highly important to adjust the device to the user before using it.

Make sure that all belts as well as fastenings from adjustable elements are correctly adjusted and fastened.

It is forbidden to leave the user unattended.

Only trained staff can adjust standing frame to the user.

As far as first upright standing is concerned, it takes place in rehabilitation, neurosurgery or orthopedics wards. Moreover, it has to be performed together with doctor and physiotherapist due to the fact that medical problems may appear during first treatments such as fainting, drop in blood pressure, dizziness etc. Upright standing is continued in home together with trained staff (rehabilitation technician, district nurse, trained family members).

## 7. Safety rules

### ATTENTION!

The stander CAT I™ has to be used in compliance with guidelines in this use manual.  
Before each use, prepare the user and the device.

It is highly important to consult either doctor or physiotherapist in order to make right decision concerning the choice of CAT I™ and its size. It is also essential to familiarize with the guidelines described in user manual before using the device.

- 1) Before use it is necessary to:
  - make sure that there are no damages or different faults which could endanger user's life; check if all parts are working and are correctly mounted and, moreover, check if they are not broken,
  - check if all screws, knobs and all glued, sewed or tapped parts are tightened,
  - check the condition of the upholstery for any signs of damage,
  - check if brakes are operating correctly,
  - check if buckles are operating correctly,
  - always use safety belts, Velcro tapes should overlap min. 8cm,
  - adjust the device according to user's measurements and needs e.g. the adjustment of supports etc.,
  - make sure that all movable parts and knobs for adjustments are stable and locked,
  - secure the user with available stabilizing aids of the standing frame. It is highly important to secure user because it safeguards from falling out.
2. It is forbidden to use standing frame for different purposes that it is intended.
3. It is forbidden to use standing frame when it is damaged or any part is missing.
4. It is forbidden to leave the user unattended.
5. Device should be used only when there is someone who is trained and knowledgeable.
6. It is forbidden to leave standing frame and the user on unstable ground unattended, even if the brake is engaged.
7. It is forbidden to either go up or down the stairs; it doesn't matter if the user is placed in the device or not.
8. It is important to engage brake during getting into and getting out the stander.
9. Make sure that all limbs are not close to spokes or other adjustable elements.
10. The stander should be stored and used away from sources of fire or high temperature. Moreover, standing frame shouldn't be stored in rooms with high humidity.
11. Secure standing frame during transportation in order to avoid any possible damages. Manufacturer doesn't take responsibility for damages which appeared due to improper preparation of the device during transportation.
12. Before using the standing frame, remove all paper and plastic packaging.

## 7. Safety rules

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### ATTENTION!

Incorrect product adjustment can lead to such side effects as fainting, body deformities, joint overload, etc. If the abovementioned symptoms occur, stop using the product immediately, take the user out of the product and lay them down. If the undesirable symptoms persist, contact a physician immediately.

If the symptoms have disappeared, inform the attending physician about this fact in order to make a decision about the further rehabilitation process.

Serious incidents involving this device should be reported both to manufacturer and to the competent authority in your country.

It is forbidden to carry the user in the device in transport (e.g. car, bus, train).

The device contains small parts which children may swallow.

Do not use a product that shows any signs of damage, destruction or wear. Only a fully functional product, used in accordance with the instructions for use, is safe for the user. If the product is damaged, discontinue use and contact us with the manufacturer

It is forbidden to make any changes concerning device's structure due to the fact that it is dangerous and it results in losing warranty.

The weight of user should not be bigger than maximal weight described on page 8 where you will find information regarding this issue.

## 8. Terms of warranty

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- Akces-MED Ltd. sells products free from manufacturing defects or faults.
- Manufacturer gives the purchaser 24-month guarantee from the date of purchase. All defects revealed during warranty period will be repaired free of charge.
- All defects which appear after warranty period can be repaired only when the user will pay for it. This rule doesn't apply to refunded products - user can ask National Health Refund for refund.
- The stander is covered by a 36-month warranty on the territory of Canada – the details of the rights resulting from the extended warranty are regulated by the warranty card.
- Manufacturer claims that the product can be used for 36-months. User can use this product after this period only when he/she will send the device to manufacturer so as to service it. Next, manufacturer determines again how long the product can be used and, moreover, the date of the next service will be determined.
- If product is damaged, please contact our dealer or Akces-MED Ltd. customer service: (ph. +48 17 864 04 77, e-mail: [export@akces-med.com](mailto:export@akces-med.com)).

## 9. Maintenance and cleaning

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The stander CAT I™, which is a medical device, should always be kept clean and should be used in accordance with the manufacturer's instructions. The standing frame should be kept in a clean, dry and ventilated room. Maintenance and cleaning must be done at least once a month. Periodic cleaning and maintenance of the device is essential to keep its proper functioning and safety.

Recommendations for cleaning the upholstery and other elements of the device:

1. Wash with warm water using a soft cloth and mild cleaners.
2. Make sure the cloth is not too wet, as this may enlarge the stain and damage the upholstery or foam inside the upholstery.
3. Remember to remove excess moisture from the upholstery before the next cleaning.
4. The upholstery must not get wet during cleaning.
5. You must not soak the upholstery.
6. After cleaning the stains, the upholstery should be rinsed with lukewarm water and dried with a clean cloth.
7. Do not use hard brushes for cleaning the upholstery.
8. Do not clean the upholstery with strong chemicals, e.g. solvents or chlorine-based caustics.
9. Do not clean, replace any elements or maintain the standing frame during use.
10. Metal and plastic elements should be cleaned by hand with suitable cleaners, after having read the recommendations of the manufacturer of the given cleaner.

## 9. Maintenance and cleaning

11. It is possible to disinfect metal, plastic, wooden and upholstery elements of the product with a generally available disinfectant. In order to disinfect the selected element, spray its surface with a disinfectant generally available on the market and wipe with a dry, clean cloth. After disinfection, wait until the element is completely dry, especially in the case of upholstery. Before using the disinfectant, first check in an invisible place whether the product will not discolor or damage the disinfected surface.

### **ATTENTION!**

Remember that upholstery has to be always dry before using!

The manufacturer of the standing frame, Akces-MED Ltd., is not responsible for any damages caused by using unsuitable cleaners.

Before using it is necessary to:

- clean castors,
- check if base as well as castors are correctly mounted,
- check if brake stops turning castor,
- check if standing frame construction is free of breaks or any kinds of deformities,
- check if all movable parts are working and all screws, nuts, knobs etc. are correctly tightened,
- check if belts are not frayed; check if buckles and clamps work correctly.

### **ATTENTION!**

Manufacturer takes responsibility only for hidden faults or damages which appeared despite the fact that user complied with the guidelines.

In case of any damages, it is essential to contact the person who sold you the product.



# 9. Maintenance and cleaning

## TECHNICAL INSPECTION

Technical inspections should be performed regularly. Before servicing, the product should be thoroughly cleaned to reveal any hidden damage.

FREQUENCY	WHAT SHOULD BE CHECKED?	WHAT SHOULD BE DONE	REMARKS
BEFORE EACH USE			
	General condition of the product.		
	Check:		
	<ul style="list-style-type: none"><li>the entire product for any visible damage, cracks or mechanical defects,</li><li>if the product complete,</li><li>if all bolts, screws, knobs, nuts and other elements of the construction are complete and tightened.</li></ul>		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
	Wheels and brakes.		
	Check:		
	<ul style="list-style-type: none"><li>if the wheels are properly mounted and if they are not damaged,</li><li>if the brake is blocking the spinning wheel,</li><li>if the wheels are not dirty. If necessary, clean the wheels.</li></ul>		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
	Fastening of the construction elements.		
	Check all the mechanisms of the product and its moving parts . Check in particular:		
	<ul style="list-style-type: none"><li>if the seat is properly mounted (if applicable),</li><li>if the wheels are properly mounted (if applicable),</li><li>if the elements securing the user are properly mounted and if they work well (if applicable),</li><li>if all the moving parts are complete, work properly, do not jam,</li><li>if the adjustment mechanisms of the following elements work properly (if applicable): headrest, backrest, seat, abduction block, armrests, footrests.</li></ul>		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
	Upholstery elements.		
	Check:		
	<ul style="list-style-type: none"><li>if there is any damage, tears, rips, loose seams or deformations on the upholstery elements,</li><li>if the stabilizing straps, vests or safety belts are not frayed or twisted and if the buckles work properly,</li><li>if the stabilizing straps, vests or safety belts work correctly and do not unfasten under pressure or when pulled.</li></ul>		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
ONCE A WEEK			
	Product cleaning.		
	If the frame and upholstery get dirty (dusty, muddy, etc.) during everyday use, wipe them with a damp cloth without detergents. Remove dirt (e.g. hair, food remains, etc.) from the moving parts of the product.		
	The product should be cleaned when necessary, but at least once a week. Do not use any chlorine based cleaners or methylated spirit. Before using the product, check if the upholstery is dry.		



# 9. Maintenance and cleaning

## TECHNICAL INSPECTION

Technical inspections should be performed regularly. Before servicing, the product should be thoroughly cleaned to reveal any hidden damage.


FREQUENCY	WHAT SHOULD BE CHECKED?	WHAT SHOULD BE DONE	REMARKS
ONCE A MONTH			
	Wheel axles, quick connectors (if applicable).		
	Check:		
	<ul style="list-style-type: none"><li>if the wheels are rolling and if they are not loose. To maintain the wheels, apply a small amount of a preservative-lubricant between the axle and the wheel hub. Check if you can easily remove and attach the wheels.</li></ul>		
	Clean the wheels when dirty.		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
	Product construction connectors (welding, threading, soldering).		
	Check:		
	<ul style="list-style-type: none"><li>the condition of the product frame in the places of joining (welds, threads, soldering).</li></ul>		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
	Tires/innertubes (if applicable).		
	Check:		
	<ul style="list-style-type: none"><li>tire wear condition. Check for visible damage. Check tire pressure (if applicable).</li></ul>		
	If the tire pressure is too low, inflate them to the correct level.		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
ONCE EVERY 6 MONTHS			
	Construction moving parts.		
	Check:		
	<ul style="list-style-type: none"><li>if the moving parts of the construction have not been damaged. Maintain them using a proper cleaning agent.</li></ul>		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
	Product labeling.		
	Check:		
	<ul style="list-style-type: none"><li>if the marking and labels are readable.</li></ul>		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		
AFTER THE LIFE TIME OF THE PRODUCT FINISHES			
	Detailed product check.		
	The manufacturer specifies the life time of the product, which is given in the user manual. After the given period, the user may use the product only if it is sent back to the manufacturer to be checked first.		
	After that, the manufacturer will re-define the life time of the product and the date of the next check.		
	In case of any damage or defects, discontinue the use of the product and contact your Supplier/Distributor or the Manufacturer.		


# 10. Labelling

**CE** Declaration that the product meets the essential requirements

**REF** Catalogue number


**SN** Serial number


 Please read the manual instructions before use


 You need to take special precautions


 Manufacturer


 Production date

 The product does not contain latex


 Store in a dry place

 Prohibition of use without fastened safety belts


 Protect from sunlight

 Storage temperature limitation


**MD** Medical device


 Do not dry in a drum dryer


 Dry vertically


 Do not chlorinate


 Do not iron


 Do not dry clean

 Do not bleach


 Careful! Delicate content

 It is forbidden to either go up or down the stairs, it doesn't matter if the user is placed in the device or not

 Prohibition to leave the user without care during use of the product

 You need to read the additional information

**PRESS** You need to press the button shown in the photo

 You need to use the tools indicated in the assembly description

## Sample data plate

PRODUCT NAME PL    PRODUCT NAME EN

QR CODE — AFTER SCANNING, IT DIRECTS YOU TO THE MANUFACTURER'S WEBSITE

MANUFACTURER ADDRESS —

MAXIMUM PERMISSIBLE LOAD ON HE PRODUCT —

DATE OF PRODUCTION —

LABELLING LOOK UP —

SERIAL NUMBER IN BARCODE FORM —


SERIAL NUMBER —

**AKCESMED**  
www.akces-med.com

**KOTEK I**  
PIONIZATOR

**CAT I**  
STANDER

**MAX LOAD: 25 kg**

**MD**  **CE**

**Alpes-MED Sp. z o.o.**  
Jasionka 956B  
36-002 JASIONKA  
POLAND

**08 2024**

**5 903819 542458**

**5 903819 542458**

**SN** **KTK 007/B/1/BD**



## MANUFACTURER



**Akces-MED Ltd.**

Jasionka 955 B  
36-002 Jasionka  
tel. +48 17 864 04 77  
e-mail: [export@akces-med.com](mailto:export@akces-med.com)  
BDO: 000031619

Authorised Dealer