CHINESPORT® ITALIA

REHABILITATION and MEDICAL EQUIPMENT

ENGLISH

AR10003 - AR10004 - AR10005 - AR10006
AR10007 - AR10025 - AR10026
ERGO CONFIGURABLE STRUCTURES

USER AND MAINTENANCE MANUAL

DTIU000364
REV. 000
10.2023

CE

Ver. 1.0.3

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1 GENERAL INFORMATION

This manual contains information for practical, correct and safe use of the device and is intended for reading by specialised personnel and the user of the product. It is recommended that you read the entire manual carefully before using the product.
If you have any doubts or need clarification, please contact your dealer who will be able to advise you correctly.
The importance of reading and understanding the user manual is highlighted on the product by the following symbol:

Follow the instructions for use

1.1 MANUFACTURER

	CHINESPORT S.P.A, Via Croazia, 2 - 33100 Udine - Italy
	+39 0432.621.621
	https://www.chinesport.com
	export@chinesport.it

The manufacturer produces in accordance with the quality standard UNI EN ISO 13485:2016

2 PRODUCT DESCRIPTION AND GENERAL INFORMATION

2.1 DESCRIPTION

Occupational therapy and ergotherapy tools are modular and composable medical devices for the rehabilitation of the patient's daily activities. They stimulate motor recovery activity through the execution of exercises that involve daily actions and activities.
The main objective of Occupational Therapy is to enable people to participate in daily life activities to the fullest of their abilities. Therapists guide patients in identifying the activities that are most difficult for them to carry out and possible solutions, using objects or strategies to compensate or modify the activity.

2.2 INTENDED USE

Devices for occupational therapy and ergotherapy, to improve motor and functional skills through active participation in daily activities.

The use of the device for purposes other than those defined in this manual is prohibited
The manufacturer declines any responsibility for damage to persons or property resulting from improper use of the device or in any case other than that provided for in this manual.
The manufacturer reserves the right to make changes to the product and the manual without prior notice in order to improve its characteristics and performance.

2.3 USERS

Doctors, physiotherapists, ergotherapists, occupational therapists, rehabilitation technicians and therapists in general.

It is up to the specialist to judge the physical fitness of the patient for whom the product is intended to be used.
Use under operator supervision is always recommended.

2.4 PATIENT GROUPS AND CLINICAL CONDITIONS

There are no particular categories of patients that can be excluded other than patients who demonstrate obvious conditions for which they are unable to remain independently in an upright or sitting posture without unbalancing and falling. Below is a list of some groups of patients who can benefit from the use of occupational therapy and ergotherapy devices:

Patients in Postoperative Rehabilitation
- After orthopedic surgery, such as hip or knee replacement.
- After neurological surgeries, such as removal of brain tumors.

Patients with Neurological Disorders
- Individuals who have suffered a stroke or have traumatic brain injury.
- People with neurodegenerative diseases such as multiple sclerosis or Parkinson's disease.

Children with Developmental Disorders
- Children with autism spectrum disorders (ASD).
- Children with motor or coordination disorders.

People with Physical or Cognitive Disabilities
- Individuals with spinal cord injuries.
- People with cognitive disorders, such as post-traumatic stress disorder (PTSD).

Elderly with Functional Limitations
- Elderly with cognitive decline or dementia.
- Elderly people with reduced mobility or balance.

Patients with Psychiatric Disorders
- Individuals with mood disorders, such as depression or bipolar disorder.
- People with anxiety disorders.

Pediatric Patients with Special Needs
- Children with cerebral palsy.
- Children with Down syndrome.

Oncology patients
- Patients who have completed cancer treatments, such as surgery, chemotherapy or radiotherapy, and who require rehabilitation.

Patients with Respiratory Disorders
- Individuals with chronic lung diseases, such as chronic obstructive pulmonary disease (COPD).

Patients with Traumatic Injuries
- Victims of road accidents or traumatic injuries requiring functional rehabilitation.

Occupational therapy and occupational therapy are adaptable to a wide range of conditions and situations, and interventions are customized to each patient's specific needs.

2.5 USE ENVIRONMENT

Occupational therapy and ergotherapy devices can be used in clinical and hospital environments, rehabilitation centers, long-term care centers, nursing homes and seniors' residences. In all these facilities supervision by a specialist is required. The devices are designed for indoor use, not for use outdoors.

Ambient temperature	Relative humidity	Atmospheric pressure
5˚C ~ 45˚C	10% ~ 90% @30°C (non-condensing)	70kPa ~ 106kPa (altitude ≤ 3000 m)

2.6 STORING

Store in a dry place at room temperature. Avoid excessive pressure and contact with discolouring materials. Avoid excessive exposure to direct sunlight.

Ambient temperature	Relative humidity	Atmospheric pressure
-10˚C ~ 50˚C	10% ~ 90% @30°C (non-condensing)	70kPa ~ 106kPa (altitude ≤ 3000 m)

2.7 MANUFACTURER'S DECLARATIONS

The manufacturer declares that
- the device is not a measuring instrument
- the device is not intended for clinical investigation
- the device is not sterile and is not for single use
- for a correct functioning and for the safety of the user, it is necessary that the ordinary maintenance operations are carried out as described in the relevant paragraph.
- device cannot be used for purposes other than those stated in this manual

3 GENERAL WARNINGS

Always refer to this manual for proper use of the device. The manual must always be kept near the equipment in such a way as to facilitate consultation.

- Store the device in an environment that complies with the labels on the packaging and the specifications in this manual
- The useful life of the product is 10 years in accordance with the correct execution of the ordinary maintenance operations provided for in this manual. It is strictly forbidden to use the device beyond its stated useful life. At the end of its useful life, it is possible to proceed as described in the relevant paragraph
- The manufacturer shall not be liable, to the fullest extent permitted by applicable law, for any direct or indirect, special, incidental or consequential damages caused by:
  - Wrong use of the device
  - Improper use of the device and outside of its intended use
  - Use of the device connected to unsuitable electrical systems
  - Use of the device beyond the useful life stated in this manual
  - Using the device in environments not covered by this manual
  - Use with ineligible patients
  - The distraction of operators or incorrect application of commands and adjustments
  - Use without checking the status of the device as described in the relevant paragraph
  - Incorrect maintenance or lack of maintenance
  - Use with parts or accessories that are not compatible or not approved by the manufacturer
  - Incorrect disposal or disposal is other than as described in this manual

The device is equipped with labels to draw attention to particular dangers such as:

Danger of crushing hand

Danger of crushing foot

Therefore, pay particular attention when carrying out operations in areas adjacent to these symbols.

3.1 SERIOUS INCIDENTS

In the event that serious accidents occur involving the device, the user is required to promptly notify the manufacturer and the competent authority of the member state in which the device is installed.

3.2 SYMBOLS ON LABELS

Follow the instructions for use

Medical device

CE marking

Dispose of properly


Manufacturer


Production date


Indoor use only

Unique Device Identifier

Identification of the country of production under ISO 3166-1 alpha-3 code (Italy)

Equipment serial number

Unique reference of the model

3.3 SYMBOLS IN THIS MANUAL


Warning! This symbol indicates that you must pay particular attention to the instructions next to it. These are generally safety guidelines.

3.4 SYMBOLS ON PACKAGING


Fragile


Keep this side at the top


Recyclable


Do not use sharp blades to open


Keep dry


Storage temperature range. It is accompanied by an indication of the minimum and maximum allowed values


Storage humidity range. It is accompanied by an indication of the minimum and maximum allowed values


Storage atmospheric pressure range. It is accompanied by an indication of the minimum and maximum allowed values

3.5 CONTRAINDICATIONS AND SIDE EFFECTS

Occupational therapy and ergotherapy, when performed by qualified professionals, are generally safe and well tolerated. However, it is important to consider some contraindications and possible side effects:

Contraindications

- Acute Medical Conditions: In the presence of acute medical conditions, such as serious infections

or clinical instability, it may be necessary to postpone or adapt therapeutic activities.
- Intolerances or Allergies to Therapeutic Tools: Some patients may have intolerances or allergies to certain materials or tools used in occupational therapy.
- Unstabilized Psychiatric Conditions: In some cases, patients with unstabilized psychiatric disorders may require closer monitoring or adaptation of therapeutic approaches.
- Extreme Pain or Excessive Sensitivity: Situations in which the patient experiences extreme pain or has excessive sensitivity may require adaptation of therapeutic activities or the choice of alternative approaches.

Possible Side Effects
- Temporary Increase in Pain or Discomfort: In some cases, while performing therapeutic exercises, you may experience a temporary increase in pain or discomfort. This is often normal and due to muscle activity.
- Muscle Fatigue: Performing repetitive exercises can cause muscle fatigue, which is usually temporary. However, it is important to monitor and adapt exercises based on the patient's response.
- General Fatigue: Actively participating in therapy can lead to a feeling of general tiredness, especially if the patient is involved in physically demanding activities.
- Emotional Reactions: Occupational therapy can lead to emotional reactions, especially when facing personal challenges or working on areas of difficulty. The effects can range from moments of frustration to feelings of accomplishment.

It is essential that the professionals indicated in the list of intended users carefully evaluate the patient's condition and adapt occupational therapy interventions according to the patient's specific needs. Open communication between the patient and therapist is crucial to identifying and managing any concerns or unwanted reactions during the therapeutic process.

3.6 USE RESTRICTIONS

Always use in accordance with the intended use and with patients meeting the weight requirements on the product label.

Never use the device under the following conditions:
- With tampering and/or modifications to the original product
- Without having carried out all the necessary adjustments and adjustments dedicated to the user
- The plastic parts of the equipment can be ignited if brought into contact with an open flame.

Allergies or Material Sensitivity
Some people may be allergic or sensitive to certain plastics. It is important to assess the patient's medical history and verify that the materials do not cause adverse reactions

4 DEVICE CONFIGURATIONS

All the devices that make up the occupational therapy and ergotherapy system are modular and modular medical devices, for the performance of therapeutic-rehabilitative exercises to daily activities.

The product code, shown on the label of the product itself, serves to identify all the characteristics of the configuration of the device.
You can identify the following codes that belong to the occupational therapy and ergotherapy system

DEVICE CONFIGURATIONS

CODE	MODEL	FAMILY	LAYOUT
AR10001	ERGO 10	CONFIGURED STRUCTURES	WALL MOUNT
AR10002	ERGO 20	CONFIGURED STRUCTURES	WALL MOUNT
AR10003	ERGO 100	CONFIGURABLE STRUCTURES	WALL MOUNT
AR10004	ERGO 400	CONFIGURABLE STRUCTURES	WALL MOUNT
AR10005	CONNECTING SET	CONFIGURABLE STRUCTURES	WALL MOUNT
AR10006	ERGO TABLE	CONFIGURABLE STRUCTURES	WALL MOUNT
AR10007	TILT ERGO 1	CONFIGURABLE STRUCTURES	MODULE
AR10025	ERGO 200	CONFIGURABLE STRUCTURES	WALL MOUNT
AR10026	TILT ERGO 2	CONFIGURABLE STRUCTURES	MODULE
AR10008	HORIZONTAL SPIRAL	MAGIC SNAKE GAMMA	MODULE
AR10009	VERTICAL SPIRAL	MAGIC SNAKE GAMMA	MODULE
AR10010	OBLIQUE SPIRAL	MAGIC SNAKE GAMMA	MODULE
AR10014	PRONO SUPINATION	MAGIC SNAKE GAMMA	MODULE
AR10053	MAGIC SNAKE 1	MAGIC SNAKE GAMMA	MODULE
AR10054	MAGIC SNAKE 2	MAGIC SNAKE GAMMA	MODULE
AR10055	MAGIC SNAKE 3	MAGIC SNAKE GAMMA	MODULE
AR10011	WORM SCREW	FINGER EXERCISES	MODULE
AR10012	FLEXO EXTENSION	FINGER EXERCISES	MODULE
AR10050	LADDER 10 WITH HANDGRIP	FINGER EXERCISES	MODULE
AR10015	LATCHES	DOMESTIC ACTIVITIES	MODULE
AR10016	ELECTRICITY	DOMESTIC ACTIVITIES	MODULE
AR10017	HANDLES	DOMESTIC ACTIVITIES	MODULE
AR10018	CUPS	DOMESTIC ACTIVITIES	MODULE
AR10019	CLIPS AND BUTTONS	CLOTHING AND FOOD	MODULE
AR10020	LACES	CLOTHING AND FOOD	MODULE
AR10021	BUCKLES	CLOTHING AND FOOD	MODULE
AR10122	SET OF PINS	GRASPING AND ROTATING	MODULE
AR10124	SET OF KNOBS	GRASPING AND ROTATING	MODULE
AR10064	BASE FOR SCREWING	GRASPING AND ROTATING	MODULE
AR10047	TRACKS SMALL BOARD	GRIP AND INSERT	MODULE
AR10048	TRACKS LARGE BOARD	GRIP AND INSERT	MODULE
AR10049	ROLLING WHEEL	SHOULDER EXERCISES	MODULE
AR10051	BASKET	SHOULDER EXERCISES	MODULE
AR10052	HANGER	SHOULDER EXERCISES	MODULE
AR10056	CLIMBY	SHOULDER EXERCISES	MODULE
AR10044	SMALL BASE WITH HOLES	CONFIGURABLE AIDS	MODULE
AR10045	BIG BASE WITH HOLES	CONFIGURABLE AIDS	MODULE

CODE	MODEL	FAMILY	LAYOUT
AR10141	FANTASY STICKS SET 6	CONFIGURABLE AIDS	PART
AR10139	FANTASY STICKS SET 5	CONFIGURABLE AIDS	PART
AR10034	OLYMPIC DISCS SET 2	CONFIGURABLE AIDS	PART
AR100123	ELASTIC SLALOM	CONFIGURABLE AIDS	PART
AR100143	SPHERES SET ø20/ø40	CONFIGURABLE AIDS	PART
AR100135	MAGNETIC GAMES SET	CONFIGURABLE AIDS	PART
AR10036	MAGNETIC GAMES SET 2	CONFIGURABLE AIDS	PART
AR10037	MAGNETIC GAMES SET 3	CONFIGURABLE AIDS	PART

5 PACKAGE CONTENTS AND PRODUCT CHARACTERISTICS

The product is available in various configurations depending on the modules used.

5.1 CONTENTS OF THE PACKAGE

The package contains

- This instruction manual
- Component(s) or structure(s) chosen from part numbers AR10003 - AR10004 - AR10005 - AR10006 - AR10007 - AR10025 - AR10026
- Mounting hardware and tools if necessary

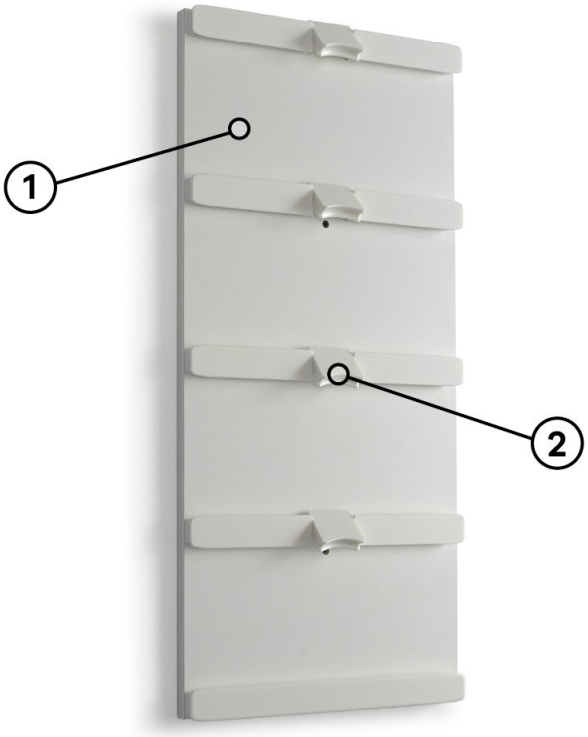
5.2 UNPACKING

The product is delivered in a suitable cardboard packaging so that it can be received intact and functional. To open the package and remove its contents, pay attention to the warnings and symbols on the package itself.
Dispose of the packaging and the waste material in an appropriate manner and follow the instructions in the packaging and in this manual.

The equipment is heavy: transport, removal from the box and commissioning must be performed out by several people
Be careful when opening the packaging when using blades.

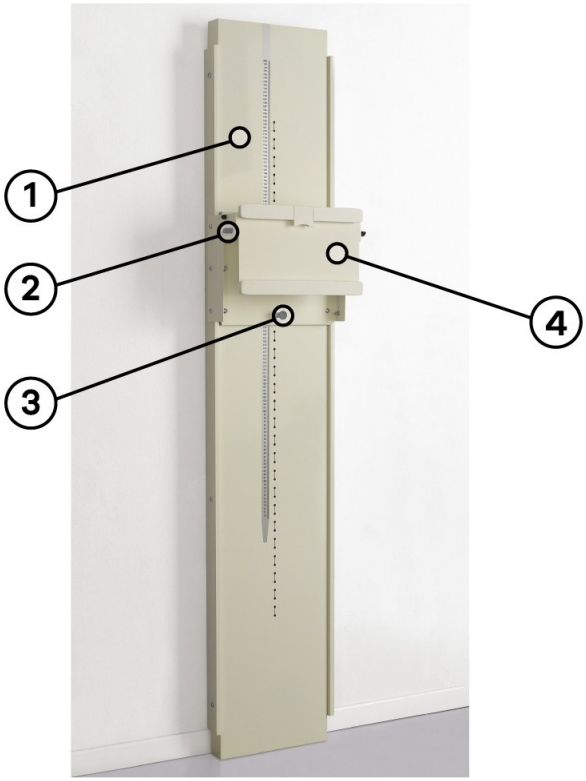
5.3 PRODUCT

5.3.1 AR10003



1	Base
2	Block for modules

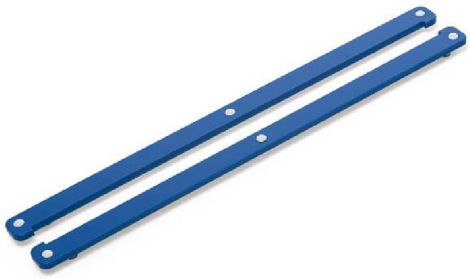
5.3.2 AR10004



1	Structure
2	Tilt knob
3	Knob for height adjustment
4	Module slot

5.3.3 AR10005

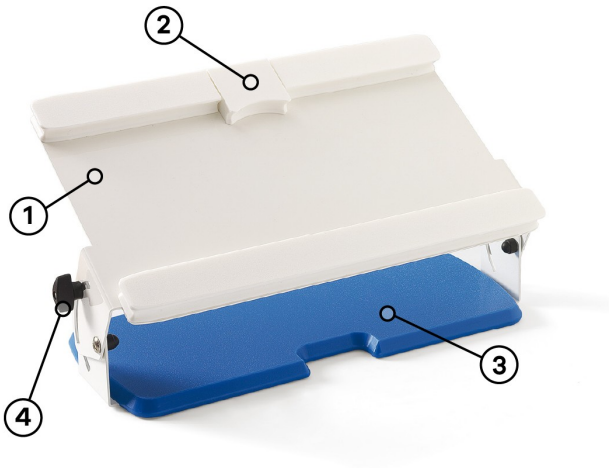
1	Structure



5.3.4 AR10006

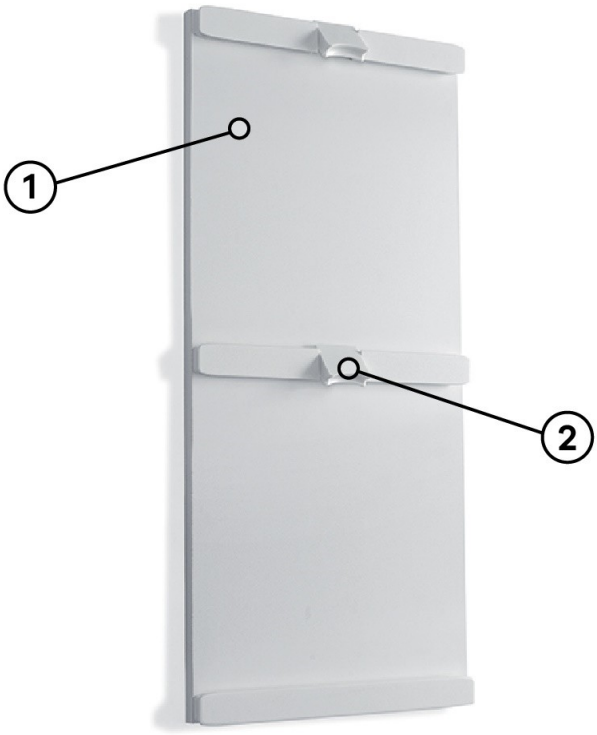
1	Foldable construction
2	Work table

5.3.5 AR10007



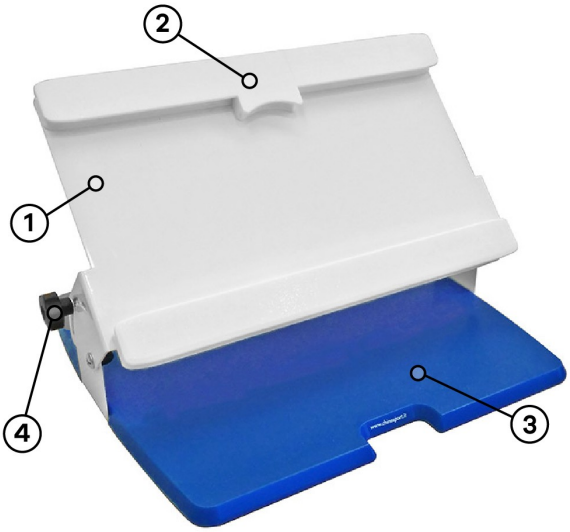
1	Module slot
2	Block for modules
3	Base
4	Tilt knob

5.3.6 AR10025



1	Base
2	Block for modules

5.3.7 AR10026



1	Module slot
2	Block for modules
3	Base
4	Tilt knob

6 ASSEMBLY AND FIRST USE

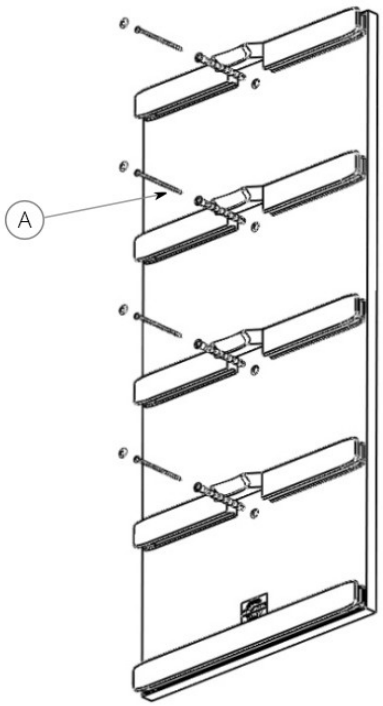
6.1 ASSEMBLY

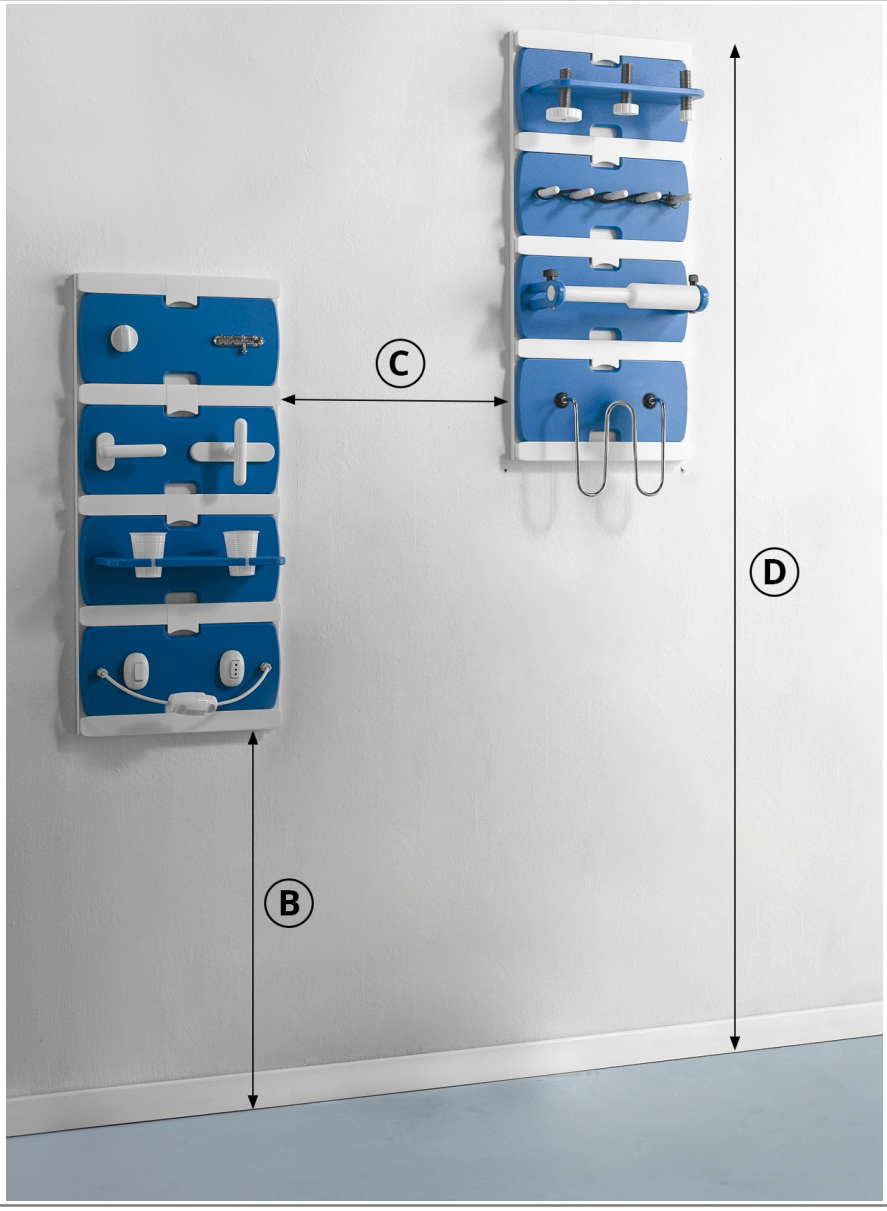
The device is delivered disassembled. The assembly may also be carried out by non-technical personnel, provided that it is carried out at the state of the art. It is recommended to carry out the assembly with a recommended number of persons indicated below the symbol:

6.1.1 AR10003

Assembly diagram for model AR10003

		
1	Wrench	Drill or hammer drill

Step 1	
	
A	Place the panel against the wall (at the desired height: The "heights and distances" diagram is only a suggestion) and mark the 4 central fixing points (hidden by the position-stop block) as a reference for drilling.

Heights and distances


B	Min. 780mm
C	Min. 450 - 600 millimeters
D	Max. 2040mm

Step 2	Drill the wall according to the hardware used

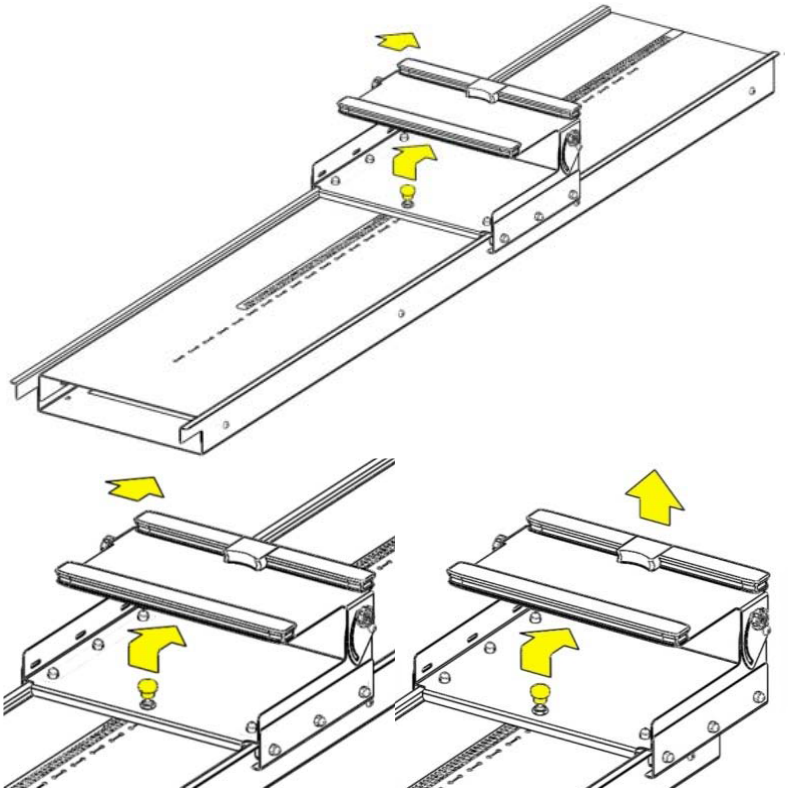
Step 3	Secure the panel to the wall securely

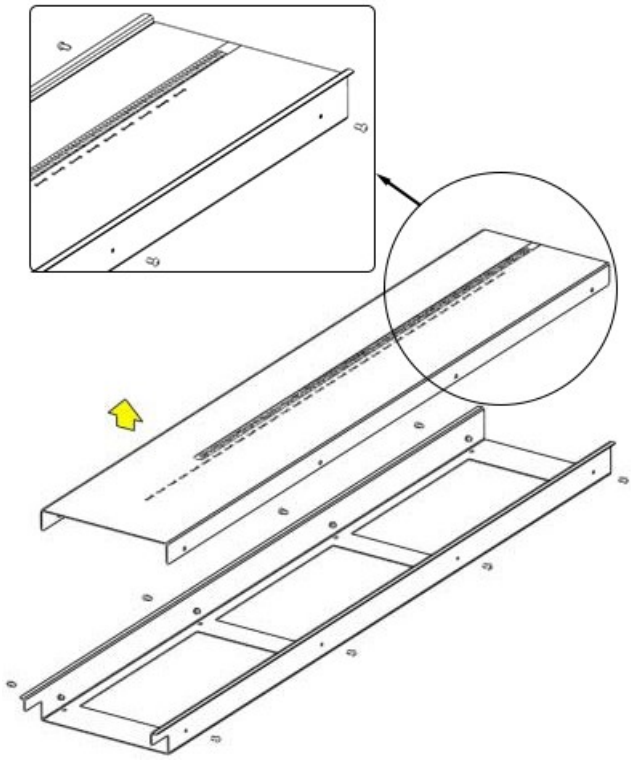
If other modules are to be tiled at different heights, remember to space the panels at least 45-60 cm apart so that you can insert and remove The aids between the different modules, as highlighted in the image above

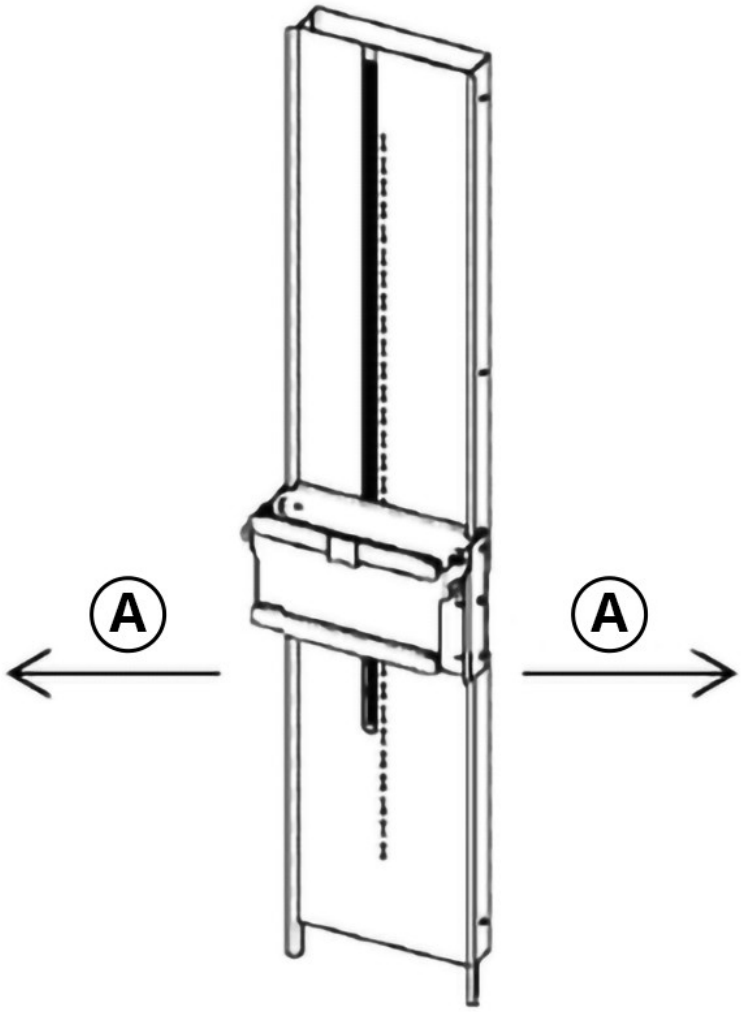
6.1.2 AR10004

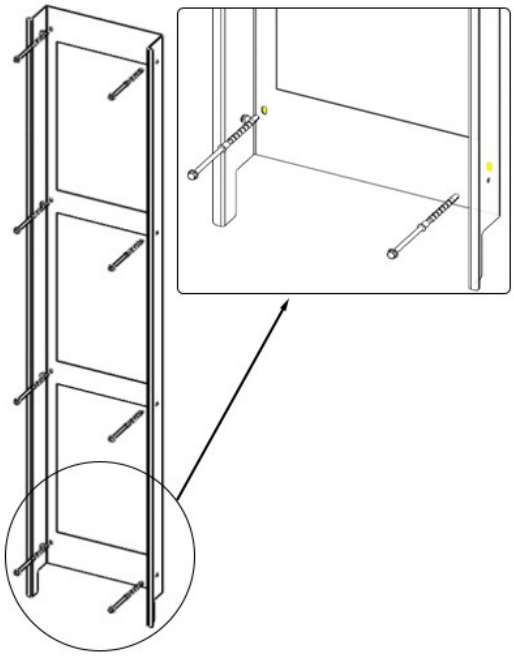
Assembly diagram for model AR10004

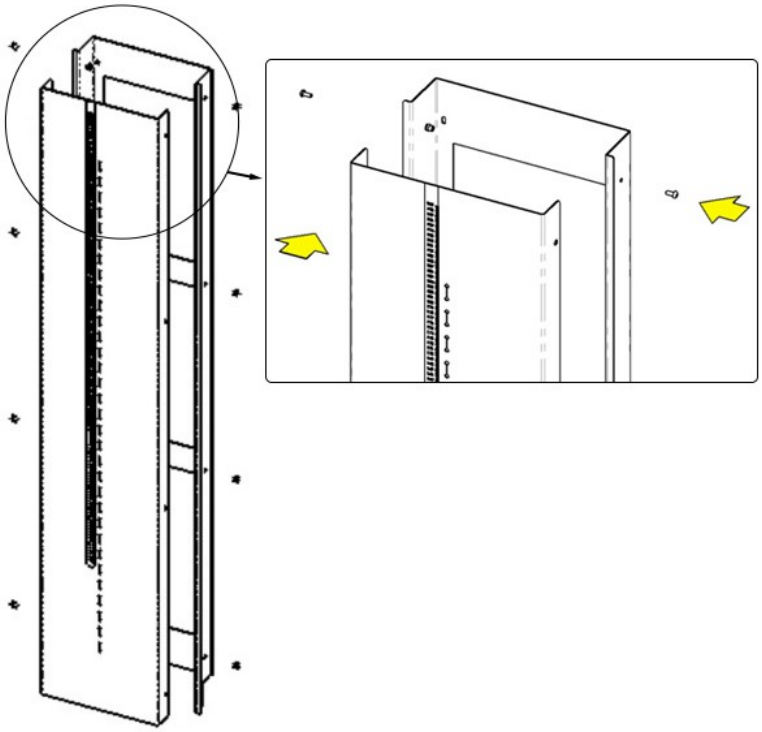
		
1	Wrench	Drill or hammer drill

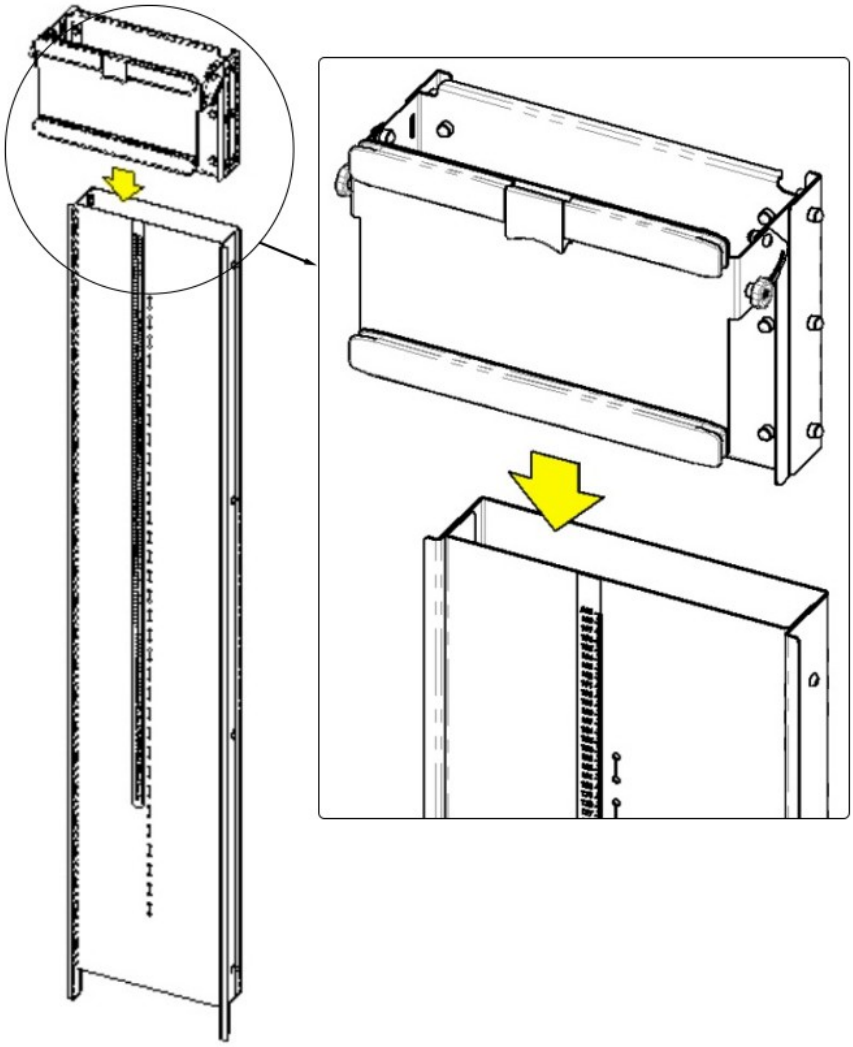
Step 1	
	
1.1	Extract the slider/adjustment element (by pulling the height adjustment knob) and slide the device support block
	 CAUTION: Lifting the knob and sliding are operations to be done AT THE SAME TIME
	 Be CAREFUL to support the sliding/adjusting element when it comes out of the guide plates; it is advisable to extract it upwards (see pictures above) but it can also be pulled out from the opposite side

Step 2	
	
2.1	Separate the 2 sheet metal parts (front height adjustment part and rear wall joining part) by unscrewing the 8 screws (4 per side) joining them. You can then proceed to wall mounting with the following procedure.

Step 3	
	
A	40cm
3.1	Identify the wall to which the equipment will be attached, leaving at least 40 cm free on either side of the structure for insertion and extraction of work aids.
	CAUTION: 40 cm on the 2 sides are required to ensure insertion and extraction of aids, and must be kept free throughout the height of the structure

Step 4	
	
4.1	Place the back sheet against the wall (laid on the ground, in a vertical position) and mark the 8 slots as a reference for drilling
4.2	Drill the wall according to the hardware used
4.3	Secure the sheet metal to the wall

Step 5	
	
5.1	Refit the front sheet in its original position with the same screws removed to separate the 2 sheets

Step 6	
	
6.1	Carefully re-insert the adjustment block from the top in the same direction/original position, aligning without forcing and pulling out the release knob to prevent the pin from scratching the paint.
6.2	Check that the adjustment block is sliding correctly and that it can be positioned along the entire area indicated by the millimeter gauge. If sliding should be difficult, also read the following section on extraordinary maintenance

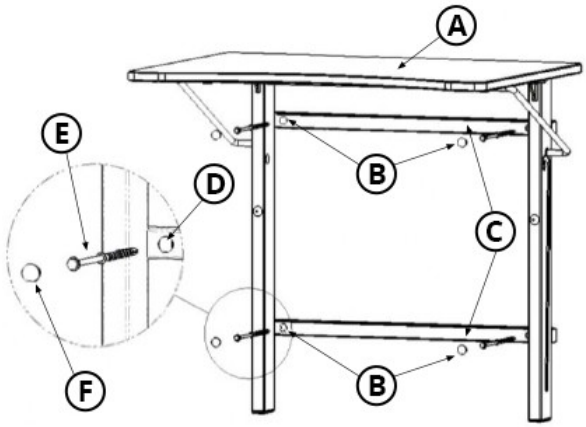
6.1.3 AR10005

The device is delivered already assembled and ready for use.

6.1.4 AR10006

Assembly diagram for model AR10006

		
2	Wrench	Drill or hammer drill

Step 1


To fix the table to the wall (requires 2 people) proceed as follows:	
1	Raise table top (A)
2	Remove the 4 black plugs (B) on the rear cross beams (C)
3	Place the table in the desired position
4	Mark the position of the fixing holes (D) with a pencil
5	Gently place the table in a safe position
6	Drill the wall according to the hardware used
7	Reposition the table and insert the screws with the anchor (E)
8	Tighten the screws
9	Re-apply the plugs (F) with simple pressure

6.1.5 AR10007

The device is delivered already assembled and ready for use.

6.1.6 AR10025

The device is delivered already assembled and ready for use.

6.1.7 AR10026

The device is delivered already assembled and ready for use.

7 USE

7.1 WARNINGS BEFORE USE

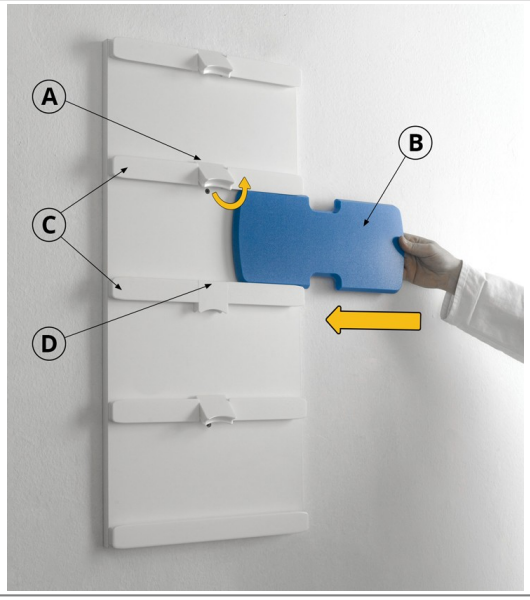
Before each use make sure that:

- The product does not show any obvious signs of tampering or damage
- The product has been sanitised in the parts in contact with the user
- The physical and clinical condition of the user has been assessed and found to be appropriate for the use of the device
- The operating environment is in accordance with the provisions of this instruction manual
- There are no particular hazards in the areas around the device (shelves, obstacles, flammable materials, etc. ...)

7.2 USE OF THE DEVICE

The devices AR10003 - AR10004 - AR10005 - AR10006 - AR10007 - AR10025 - AR10026 are part of the occupational therapy system. For some usage recommendations, you can view the videos on the manufacturer's site on the product page.

7.2.1 AR10003



A	Lift the center stop-stroke (the upper stop from the position where you want to attach the device)
B	Slide in the device (a basic panel is shown in the image: this procedure is the same for all types of device)
C	Module placement guides
D	To be able to insert the devices smoothly, make sure that the stop-travel of the lower position (D) of the chosen position is always in the fully closed (down) position.

E	While holding the center stop-stroke up, push the device to the center
F	Lock the device by lowering the center stroke stop
	To remove the device, work the other way around, lifting the travel stop and sliding the device out, being careful to support it when exiting the rails

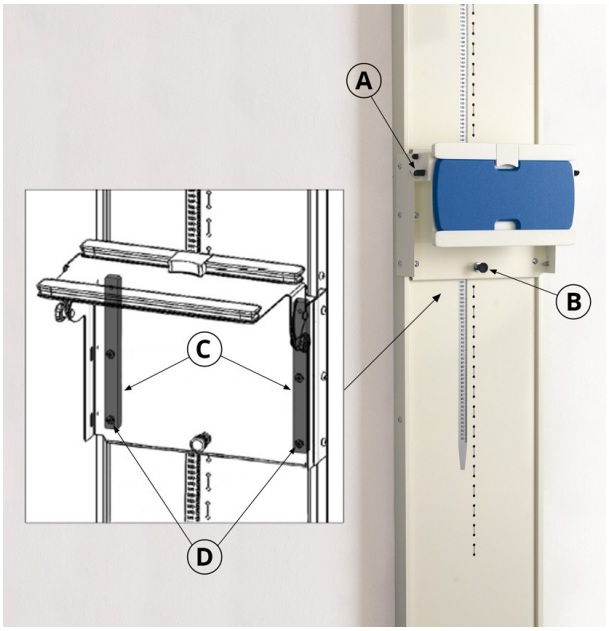
CAUTION: Support the device when it comes out of the guides to prevent it from slipping.

7.2.2 AR10004

7.2.2.1 SLIDING BLOCKS ADJUSTMENT

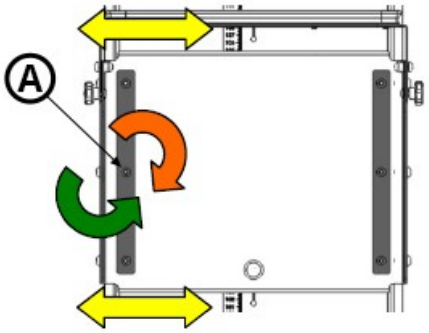
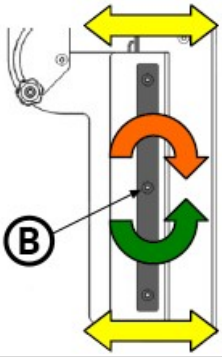
Periodically, the sliding guides must be adjusted to compensate for wear on the sliding components. This allows the system to flow smoothly and without hitches.

There are 4 sliding guides to slide the assembly vertically.
2 front and 1 each side, all hidden behind the sheet metal to which the lock/unlock knob is attached. Follow the steps listed below.

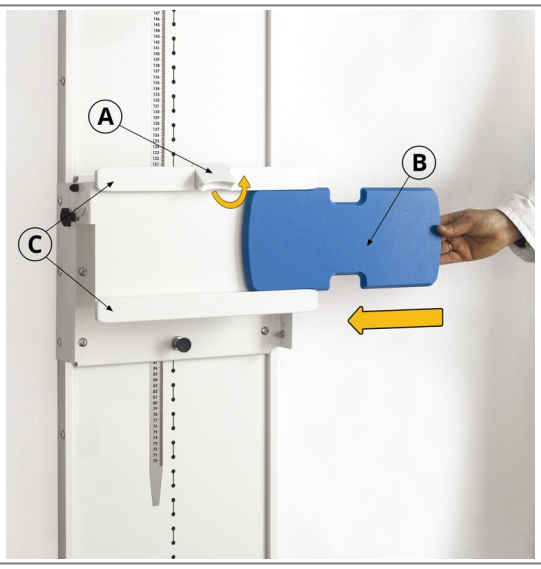


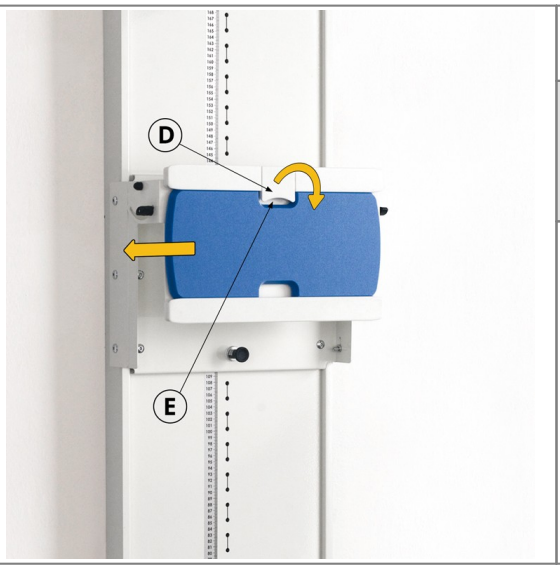
In the image the 2 front pads have been highlighted in gray to help you understand their position.

These 4 sliding guides allow the adjustment assembly to slide along the sheet metal, and are adjusted at factory; however, transport, commissioning and normal use may alter their original position, rendering the sliding inaccurate, requiring a new “calibration” with re-alignment to the fixed load-bearing structure.

Sliding guides adjustment for smooth handling with constant sliding	
Front view	Side view
	
A: Screws (3 pcs per guide)	B: Screws (3 pcs per guide)
The images to the side have highlighted the sliding guides in gray color to help you understand their position. To correctly align the sliding guides with the fixed guide profile (the sheet metal part fixed to the wall), adjust the position of the former as follows:	
	Loosen (anti-clockwise rotation) but do not remove all 3 screws securing the individual guides
	Adhere the sliding guide to the fixed sheet metal structure by “pulling” the screws and the guide
	Lock (clockwise rotation) all screws

7.2.2.2 INSERTION AND REMOVAL OF WORKING AIDS

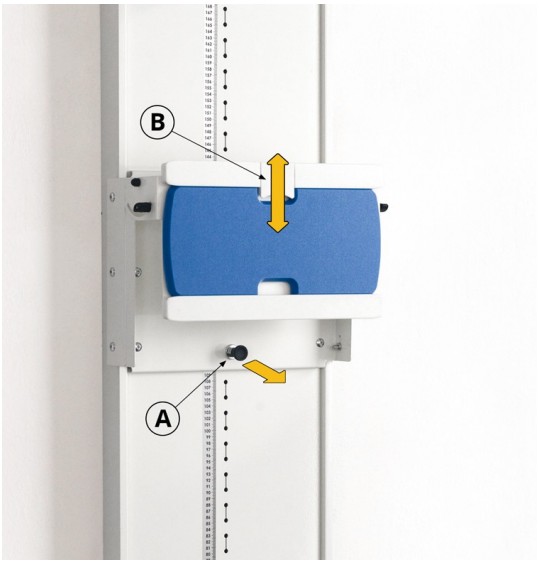
	A	Lift the center stop-stroke (the upper stop from where you want to attach the device). Slide in the device (a basic panel is shown in the image: this procedure is the same for all types of device)
	B	While holding the center stop-stroke up, push the device to the center
	C	Module placement guides



D	Lock the device by lowering the center stroke stop
E	To remove the device, work the other way around, lifting the travel stop and sliding the device out, being careful to support it when exiting the rails.

CAUTION: Support the device when it comes out of the holder to prevent it from slipping.

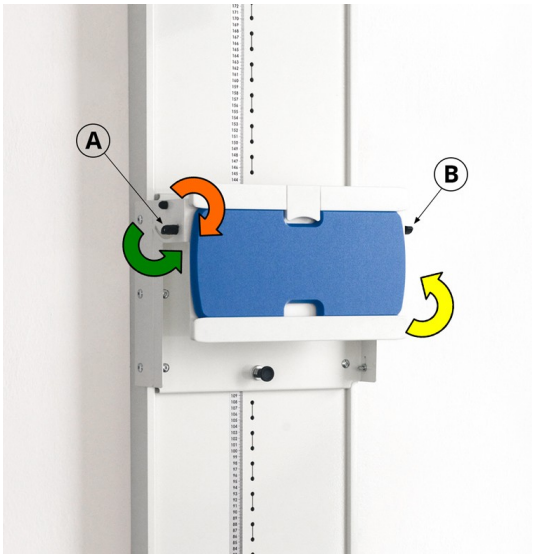
7.2.2.3 HEIGHT ADJUSTMENT

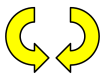


A	Pull and hold the central knob out (supporting the support to prevent it from slipping on the ground when unlocked)
B	Move the support to the desired position and, releasing only the knob, slowly move the support until the inner pin snaps into one of the locking holes

WARNING! DO NOT leave the support unless you are sure that it is locked and that the knob has retracted over a hole preventing it from falling unintentionally. The system is spring loaded and will automatically lock at the first useful hole, but this may lead to paint damage over time.

7.2.2.4 TILTING TABLE ADJUSTMENT



To free the rotation of the support, turn the two locking knobs on the sides of the support as follows:	
	Loosen (counterclockwise rotation) all 2 knobs
	Rotate the stand to the desired angle (remember that adjustments can vary from vertical plane (0° as a side photo) to horizontal plane (90° from the previous and as an example below)
	Lock (clockwise rotation) the 2 knobs
The adjustment can be made independently before or after inserting the selected device, however it would be advisable earlier, as the weight of the device can make this more challenging	
A	Left adjustment knob
B	Right adjustment knob

VERTICAL PLANE (0°)

MID PLANE (1°-89°)

ORRIZONTAL PLANE (90°)

7.2.3 AR10005

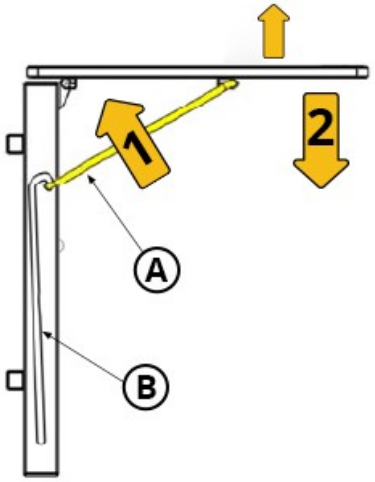
It is possible to join two panels already configured (ERGO 10; ERGO 20 models) or configurable (ERGO 100 or ERGO 200 models) by means of two joining elements made of anti-bacterial, water- and UV-resistant polyethylene.

The connection set is supplied with specific hardware.

7.2.4 AR10006

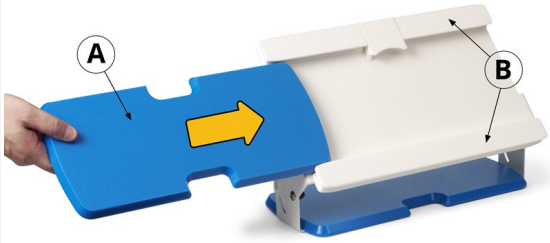
To open the tabletop: Simply hold and raise the tabletop to its maximum height (approximately 93°), then let it drop down until it is automatically horizontal (90°).

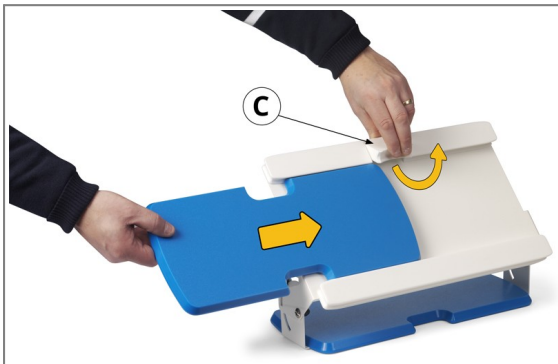
WARNING! DO NOT leave the tabletop unless you are sure that the tabletop is properly latched on both sides. The test is simple: Release and press it lightly, it should remain stable and not lower. If not, repeat the entire operation

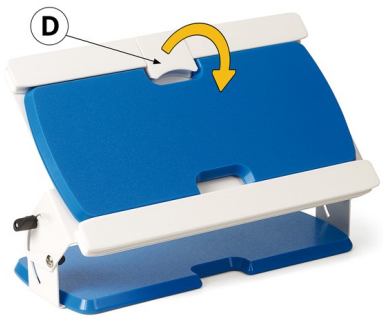
To close the table top: Use two hands (one x side) to hold the strut highlighted in yellow in the image		
1	Then, with the strut (A) "raised" on both sides, first raise the table slightly (about 2 cm),	
2	While still holding the strut in pull, lower the table by about 4-5 cm (this operation, if the strut has been held correctly, is necessary to unlock the table) and then	
B	Strut slide slot	
3	When freeing the strut, but holding the table top, the table top must be gently rested against the vertical frame fixed to the wall.	
	CAUTION: The table top must be accompanied on the descent to its vertical position supporting the rear frame.	

7.2.5 AR10007

7.2.5.1 INSERTION AND REMOVAL OF WORKING AIDS

	A	Slide in the device between the guides (a basic panel is shown in the image: this procedure is the same for all types of device)
	B	Guides

	C	Lift the center stop and, keeping it raised, push the device to the center



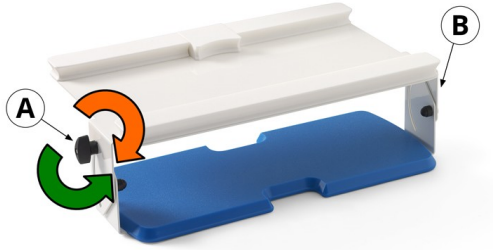
D	Lock the device by lowering the center stroke stop
	To remove the device, work the other way around, lifting the limit stop and sliding the device out, being careful to support it when exiting the rails

CAUTION: Support the device when it comes out of the holder to prevent it from slipping

NOTE: This Article behaves like a device as well: It can be inserted on AR10003 panels to change the vertical worktop

7.2.5.2 TILTING TABLE ADJUSTMENT

These operations are very fast and do not require the use of tools

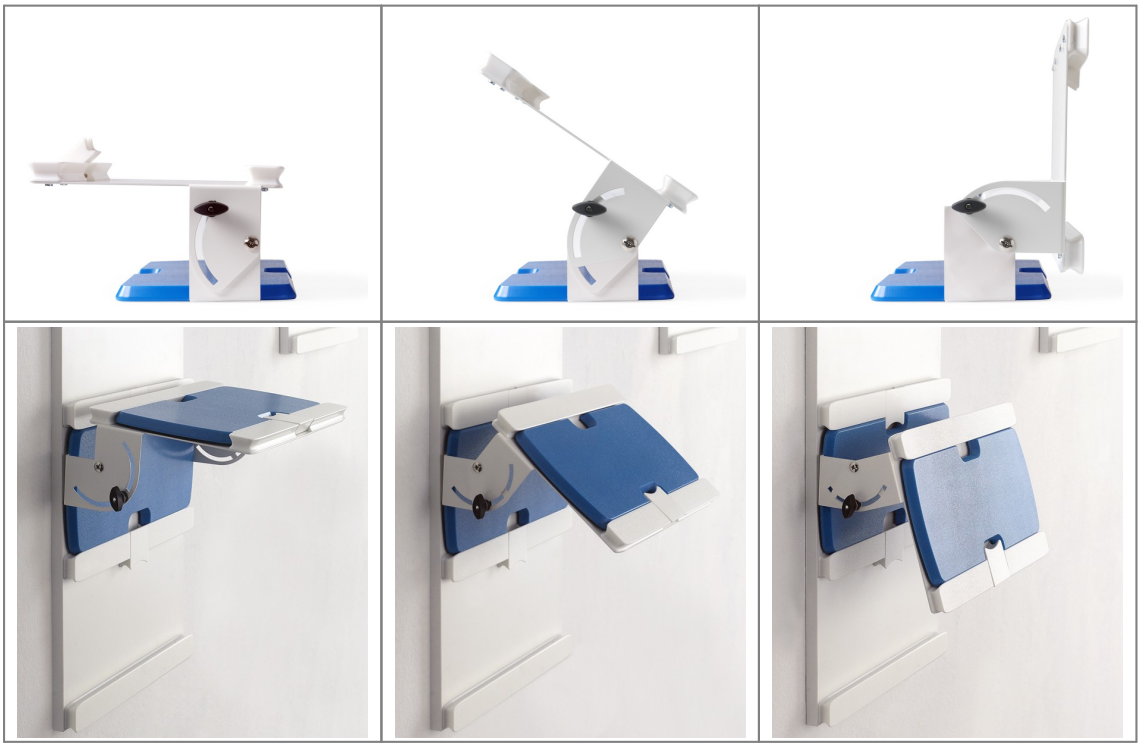


To free the rotation of the support, turn the two locking knobs on the sides of the support as follows

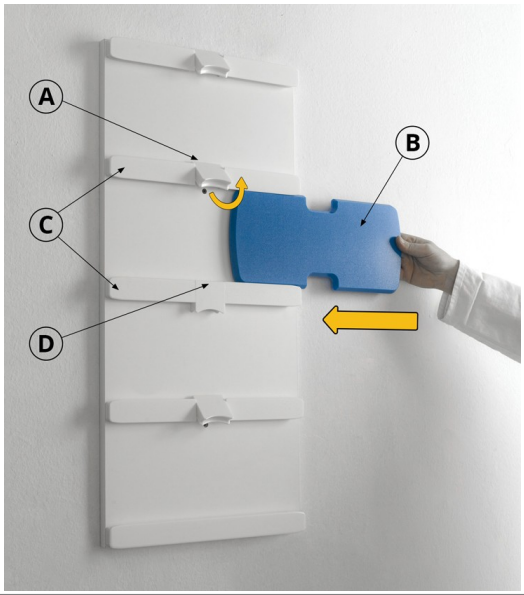
	Loosen (counterclockwise rotation) all 2 knobs
	Rotate the stand to the desired angle (remember that the adjustments can vary from the horizontal plane (0° as the top photo on the side) to the vertical plane (max 90° from the previous, as also highlighted in the examples below)
	Lock (clockwise rotation) the 2 knobs

The adjustment can be made independently before or after inserting the selected device, however it would be advisable earlier, as the weight of the device can make this more challenging

A	Left adjustment knob
B	Right adjustment knob



7.2.6 AR10025

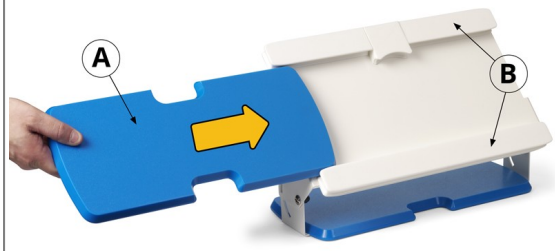


A	Lift the center stop-stroke (the upper stop from the position where you want to attach the device)
B	Slide in the device (a basic panel is shown in the image: this procedure is the same for all types of device)
C	Module placement guides
D	To be able to insert the devices smoothly, make sure that the stop-travel of the lower position (D) of the chosen position is always in the fully closed (down) position.

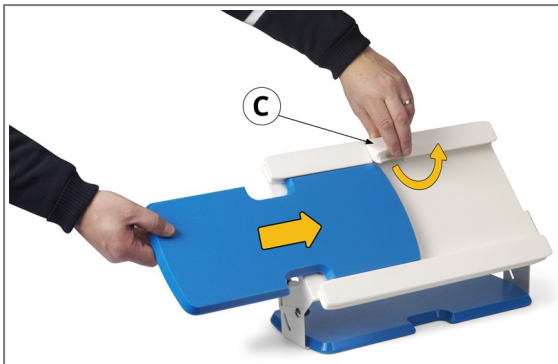
E	While holding the center stop-stroke up, push the device to the center
F	Lock the device by lowering the center stroke stop
	To remove the device, work the other way around, lifting the travel stop and sliding the device out, being careful to support it when exiting the rails CAUTION: Support the device when it comes out of the guides to prevent it from slipping.

7.2.7 AR10026

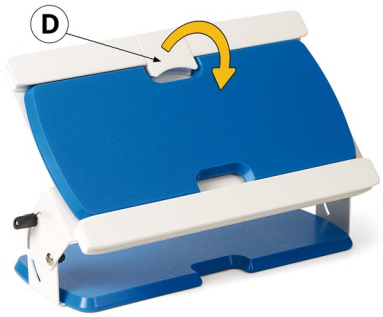
7.2.7.1 INSERTION AND REMOVAL OF WORKING AIDS



A	Slide in the device between the guides (a basic panel is shown in the image: this procedure is the same for all types of device)
B	Guides



C	Lift the center stop and, keeping it raised, push the device to the center



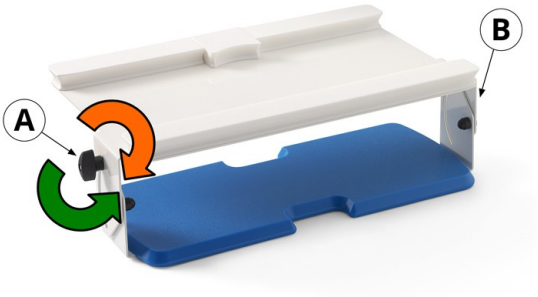
D	Lock the device by lowering the center stroke stop
	To remove the device, work the other way around, lifting the limit stop and sliding the device out, being careful to support it when exiting the rails

CAUTION: Support the device when it comes out of the holder to prevent it from slipping

NOTE: This Article behaves like a device as well: It can be inserted on AR10003 panels to change the vertical worktop

7.2.7.2 TILTING TABLE ADJUSTMENT

These operations are very fast and do not require the use of tools

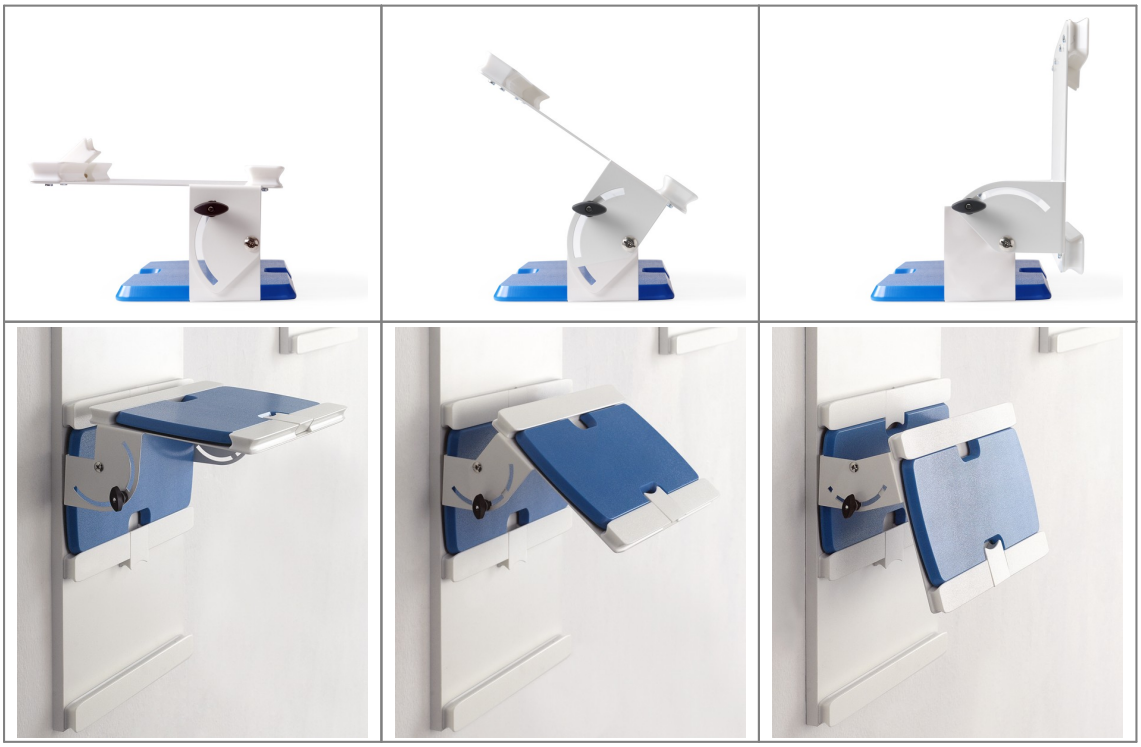


To free the rotation of the support, turn the two locking knobs on the sides of the support as follows

	Loosen (counterclockwise rotation) all 2 knobs
	Rotate the stand to the desired angle (remember that the adjustments can vary from the horizontal plane (0° as the top photo on the side) to the vertical plane (max 90° from the previous, as also highlighted in the examples below)
	Lock (clockwise rotation) the 2 knobs

The adjustment can be made independently before or after inserting the selected device, however it would be advisable earlier, as the weight of the device can make this more challenging

A	Left adjustment knob
B	Right adjustment knob



8 MODULES AND ACCESSORIES

A wide range of accessories can be applied.
For a complete list of accessories, please contact your distributor or refer to www.chinesport.com.

Use only Chinesport accessories

AR10003 – ERGO 100

Configurable, wall-mountable advanced panel. The panel is designed to hold up to four work modules that can be freely chosen from the available libraries.

AR10004 – ERGO 400

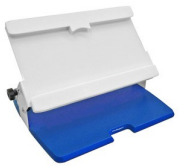
This is an advanced wall-mounted panel, set up for using a single work aid at a time. The module is inserted by sliding in specific guides, and locked in place using a lever device.

AR10006 – ERGO TABLE

Wall-mounted, retractable work table, useful for using individual work aids even in a sitting position.

AR10007 – TILT ERGO 1

Support structure that allows a single working aid to be tilted from 0° to 90° with intermediate positions. Depth 26.5 cm.

AR10025 – ERGO 200	AR10026 – TILT ERGO 2
A panel designed to hold up to two work modules that can be freely chosen from the available libraries. 	Support structure allows the inclination of a single work aid to be varied from 0° to 90°. Larger square base for use with ERGO 200. 

9 MAINTENANCE AND SERVICE LIFE

maintenance work must be carried out by trained technicians who are familiar or people with the contents of this instruction book.
Check the safety of the unit after any "rough treatment" situation (e.g.: Falling, violent shocks, spills, etc.) and whenever you have doubts about the safety of the equipment.

9.1 ROUTINE MAINTENANCE

Maintenance must be carried out by experienced personnel
The device should not be serviced while in use
No modification of the device is authorized a priori
Highlighted as a safety hazard, the equipment must not be used until the hazard has been eliminated

PERIODICITY	OPERATIONS
Six months	General equipment cleaning
	Chassis: Checking tightness of screws, bolts; condition of wear of pins and grilles; no cracks and deformations
	Anchoring to masonry: check tightness of screws, solid adhesion to wall parts; no gaps, deformations and cracks
	Thoroughly inspect the attachments, especially for wear, abrasion, cuts, fraying or deformation
Maintenance shall be concluded with a load and installation test to be recorded in the service record	

9.2 MALFUNCTIONS, EXTRAORDINARY MAINTENANCE AND REPAIRS

Extraordinary maintenance work may only be carried out by personnel authorised by the manufacturer. Otherwise any warranty conditions will be immediately terminated. The manufacturer declines all responsibility if tampering with the original product is ascertained.
Any malfunctions found by the user must be promptly reported to the distributor or directly to the manufacturer and inhibit the use of the device.
Repairs may only be carried out by technical personnel authorised by the manufacturer and may include the withdrawal of the device in order to carry out the necessary repairs

Changes to the device are not allowed

9.3 SERVICE LIFE

The service life of the device is defined at the beginning of this manual.
At the end of its useful life, you can proceed in the following ways:

1. Dispose of the device as described in the paragraph "Disposal".
2. Require the manufacturer to recondition and recertify the device so that it can continue to be used

As stated in the paragraph "General warnings", the manufacturer declines all responsibility for the use of the device beyond the useful life established in this manual.

10 CLEANING

It is necessary to clean the device at the end of each use if the device is intended for different users.
Follow the precautions in GENERAL WARNINGS 9.

10.1 WASHING

Use a cloth dampened with a mild detergent diluted in water to clean.

10.2 DISINFECTION

Use low chlorine disinfestation, such as AMUCHINA® 10% or equivalent solutions with 0.1% sodium hypochlorite concentration, to disinfect the product.

11 DISPOSAL

The symbol on the label of the equipment indicates that the waste must be subject to "separate collection".
Therefore, the user must either hand over the waste to the separate waste collection centres set up by the local authorities or hand it over to the retailer against the purchase of new equipment of an equivalent type. Separate waste collection and subsequent treatment, recovery and disposal operations promote the production of equipment with recycled materials and limit any negative effects on the environment and health caused by improper waste management. Illegal disposal of the device may be punishable by law.

12 TECHNICAL SPECIFICATIONS

No changes are allowed to the device.

Code	Sizing (Width, Depth, Height)	Weight
AR10003	39.5 x 4 x 86 cm	5.0 kg
AR10004	46 x 24.5 x 202 cm	32.0 kg
AR10005	85 x 1,5 x 5 cm (single piece)	0,9 kg (pair)
AR10006	80 x 61,5 x 73,5 cm (in use) 80 x 12,5 x 77 cm (folded)	16.5 kg
AR10007	46 x 26,5 x 14 cm (horizontal position) 46 x 21 x 27.5 cm (vertical position)	4.0 kg
AR10025	39.5 x 4 x 86 cm	4.8 kg
AR10026	46 x 38 x 14 cm	5.2 kg

13 SPARE PARTS

Contact your dealer or the manufacturer's technical support service for information on spare parts. Only use original spare parts supplied by the manufacturer or by authorised distributors

14 WARRANTY

14.1 GENERAL CONDITIONS

All Chinesport products are warranted against defects in materials or workmanship for a period of 24 months from the date of sale of the product, except for any exclusions, limitations or conditions defined at the time of delivery of the product.
The warranty is not valid in case of improper use, tampering with the device, abuse or modification of the product or for any use or operation not explicitly mentioned in this manual.
The warranty is not valid if the device has not been correctly maintained and documented in accordance with this manual, or if the instructions regarding storage, cleaning and sanitation are not followed.
The manufacturer is not responsible for any damage or injury or any situation caused by incorrect installation or configuration of the device or using equipment that does not comply with the instructions in the installation, assembly and operating manuals.
The manufacturer does not guarantee its products against defects or damages in the presence of extraordinary conditions such as: natural disasters, unauthorised maintenance and repairs, improper power supply (where applicable), use of parts or components or accessories not original, shipping damage not directly managed by the manufacturer, lack of maintenance, obvious negligence on the part of the user or operator.

The warranty does not cover consumables, rechargeable batteries, and in general all material subject to wear, failures caused by knocks, falls, incorrect or improper use, accidental events, transport damage. If the equipment is tampered with, the warranty is automatically cancelled.

14.2 WARRANTY REPAIRS

In the case of a report of defects in materials or workmanship, the manufacturer assesses whether the defect is covered by warranty.
Warranty repairs must be expressly requested and are to be understood in our laboratory, subject to authorisation and with the issue of the return number.
For products sent in their original packaging, the return shipment will be made freight free.
For warranty repairs, a fiscal document is required where the date of purchase is within the warranty period (sales note, purchase invoice, fiscal receipt).

Labour costs for warranty repair (when the warranty conditions are valid) are borne by the manufacturer.
Repairing or replacing a product does not renew or extend the terms and expiration dates of the warranty.

14.3 OUT-OF-WARRANTY REPAIRS

Non-warranty products can be repaired by the manufacturer by returning them after having been authorised by the technical assistance service. The costs of repair, including shipping, materials and labour, are to be understood as being borne by the customer or the retailer. The parts and components being repaired are considered to be covered by warranty for 24 months from the date of receipt of the repaired device

14.4 NON-DEFECTIVE PRODUCTS

In the event that the manufacturer does not find any malfunction or defect in the returned products, it is concluded that the product is not to be considered as defective. Shipping and device management costs will be charged to the customer or distributor.

14.5 HOME REPAIRS

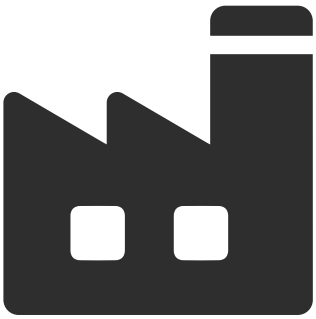
In case of repair at the customer's premises, a written request must be made indicating the complete details of the applicant, the type of machine and the fault.
The kilometric cost for the technician's transfer is to be agreed in relation to the customer's urgency.
In the event that the machine in question is under warranty, only the costs of the transfer will be charged.
The time is counted from the departure of the technician from our laboratory until his return, the time of return will be estimated on the basis of the time spent on the outward journey.

14.6 REPLACEMENT PARTS

A detailed list of all spare parts can be obtained from the manufacturer.
Spare parts are sold following a formal request for an offer to the technical assistance service. Processing times are related to the availability of the parts. Returns for spare parts are not accepted.
The payment will be cash on delivery unless otherwise agreed.

15 RECORDS OF OPERATIONS AND MAINTENANCE

DEVICE		**DATE OF INSTALLATION**		**NUMBER SERIAL**
DATE	OPERATIONS PERFORMED	TECHNICAL	SIGNATURE	NEXT VERIFICATION



MADE IN ITALY

CHINESPORT SPA
Via Croazia 2
33100 UDINE
Italy