

Leonardo MRS MODULAR REHAB SYSTEM

USE AND MAINTENANCE MANUAL

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SRN CODE: IT-MF 000050193

Creator-manufacturer: P.T. Crippa Alessandro

REV. 001

01.2026





Leonardo MRS
MODULAR REHAB SYSTEM





SUMMARY

Fabbricante: Crippa Alessandro 1

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1. GENERAL INFORMATION

This manual contains information for the practical, correct, and safe use of the device and is intended for use by specialized personnel and the product user. We recommend that you read the entire manual carefully before using the product.

If you have any doubts or questions, 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:



1.1 MANUFACTURER



Manufacturer:	CRIPPA ALESSANDRO VIA PADRE PAOLO MERONI 16 ALBAVILLA (CO)
SRN Code	IT-MF 000050193

The manufacturer operates in compliance with the UNI EN ISO 13485:2016 quality standard.

1. PRODUCT DESCRIPTION AND GENERAL INFORMATION

1.1. DESCRIPTION





The elements present inside the Kit These are tools available to the rehabilitation therapist for the appropriate evocation of the processes and strategies that lead to knowledge in a planned manner aimed at recovery. Exercises involving perceptual exploration tasks, cognitive/motor tasks, and sensorimotor relearning in the neurological and orthopedic fields can help the therapist monitor and guide the patient in relearning correct movement patterns. The elements contained within the case can be assembled thanks to the modularity of the system, proving useful for the creation of a series of programmable therapeutic exercises for afferent and motor reorganization. Furthermore, there are biofeedback devices available that help therapists assess motor behavior and create specific therapeutic programs. These devices facilitate the patient's task by amplifying essential information and providing visual, acoustic, or vibratory feedback on the behavior of various body areas and the main joints.

1.2. INTENDED USE

This kit is intended for rehabilitation purposes. Use of the device for purposes other than those defined in this manual is prohibited. The manufacturer declines all responsibility for damage to persons or property resulting from improper use of the device or any use other than that described in this manual. The manufacturer reserves the right to make changes to the product and the manual without notice in order to improve features and performance.

1.3. USERS

The preferred users are rehabilitation therapists, occupational therapists, or healthcare / sports professionals engaged in recovery processes. It is the specialist's responsibility to assess the physical fitness of the patient for whom the product is intended. Use under the supervision of a healthcare professional is always recommended.

1.4. PATIENT GROUPS AND CLINICAL CONDITIONS

The tools are useful for personalized treatments for patients with neurological and orthopedic conditions. The kit allows for the formulation of targeted therapeutic proposals, both in the post-acute phase and in patients with good recovery, through complex and challenging exercises.





1.5. APPLIED PARTS

- The Class 1 laser beam is considered harmless because the radiation emitted is always below the maximum permitted standards (MPE, Maximum Permissible Exposure). However, it is recommended to avoid pointing it directly at the eyes.
- The surface of the tablet intended to be walked on by the user is considered an applied part. The tablets are manufactured using biocompatible materials.
- Betacril® is a material approved for sanitary use and has obtained the Eurofins international hygiene certificate. This is thanks to its composition, formula, and raw materials, which make it naturally aseptic and antibacterial. Its non-porous nature and homogeneous composition make it perfect for cleaning and disinfecting medical surfaces.
- Betacril® surfaces are renewable, which means they can be restored to their original appearance with the help of normal detergents and the abrasive sponge included in the kit.
- All electrical parts of the device, including sensors and circuits responsible for auditory, visual, and tactile feedback, operate at low voltage and pose no risk to the user.
- No part of the device comes into direct contact with blood or other bodily fluids.
- It is recommended to respect the weight and pressure limits indicated in the instructions to ensure correct operation and user safety.

1.6. ENVIRONMENT OF USE

- The device is intended for indoor use, in outpatient settings, physiotherapy offices or at home under the supervision of qualified personnel.
- Not intended for use in wet or outdoor environments.
- Use on a flat, stable floor.
- Avoid direct exposure to intense sunlight or heat sources.

1.7. STORAGE

- Store in a dry place at room temperature
- Do not place heavy objects on the device or apply excessive pressure to the surface.
- Make sure the items are positioned correctly before closing the case.




- Protect from dust and materials that may discolor or damage the tablet.

1.8. MANUFACTURERS' DECLARATIONS

The manufacturer declares that:

- the device is not a measuring instrument;
- the device is not intended for clinical investigations;
- the device is not sterile and is not disposable
- for correct operation and for user safety, it is necessary that ordinary maintenance operations are carried out as described in the relevant paragraph;
- The device cannot be used for purposes other than those indicated in this manual.

2. GENERAL WARNINGS

- Always refer to this manual for proper use of the device. The manual should be kept near the device for easy reference.
- Dropping or impacting the device may cause breakage.
- Be careful when closing the case: fragile components can break if bumped or compressed.
- The product has a useful life of 10 years, provided that the use and ordinary maintenance operations prescribed in this manual are correctly carried out.
- Components subject to normal wear, such as Velcro straps, which may deteriorate depending on the manner and frequency of use, are excluded from the above-mentioned lifespan.
- The mirror panel is a delicate component and must be protected during use, handling, and storage. It is recommended to reapply the protective film provided on the panel after each use to preserve its integrity.
- Always check the condition of the device before use. Do not use if any components are damaged or missing.




- The device is designed to be used by only one person at a time; any particular situations (overload, poor stability, incomplete supervision) require attention and, if necessary, additional assistance.
- Do not modify the device or use parts/accessories not supplied or approved by the manufacturer.
- Before performing an exercise, check that the patient has the necessary skills to respond to the task safely.
- Stay close to the subject for weight-bearing exercises on the TABLETS.
- Do not use the WOBBLE BOARD for weight-bearing exercises.
- Use the appropriate number of SPRINGS to stabilize the swing board in different contexts
- Do not use the tray with LOAD-BEARING BALLS with the patient standing on it.
- Avoid exposure to intense heat or direct sunlight.
- Keep the device away from substances that may damage it.
- LASER 29. Before using it for the first time, unscrew the cylindrical body of the laser and insert the battery inside, respecting the correct polarity indicated.
- 31. WIRE GONIOMETER. Before using for the first time, remove the protective tab that interrupts the battery connection. When the battery is exhausted, unscrew the screw on the back of the device and replace it with a new one of the same type.
- The CENTRALINA 32 is equipped with a built-in rechargeable battery. To charge the battery, insert a smartphone charging cable into the charging jack (centralina 32 G). Connect the other end of the cable to a power source.

2.1. ACCIDENTS

If the device is damaged, discontinue use and contact the manufacturer.





2.2. SYMBOLS ON THE DEVICE

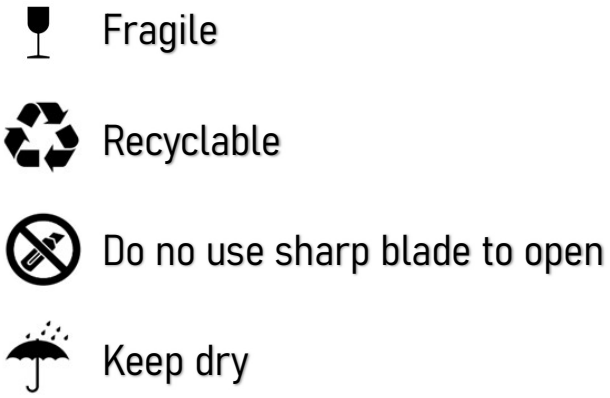
	Manufacturer		Production date
	Unique Device Identifier		Medical Devices
	Unique reference of the model		Marking
	Serious number		Follow the Instructions for use

2.3. SYMBOLS IN THE MANUAL

- Warning symbol: Indicates that the instructions next to it must be followed carefully to ensure safety and correct use. 

2.4. SYMBOLS ON PACKAGING



2.5. SPECIAL WARNINGS

- Do not use the device if it is damaged or incorrectly configured.
- Do not use the device in the presence of flammable substances or extreme environments.
- Do not immerse electrical components in water.

2.6. CONTRAINDICATIONS AND SIDE EFFECTS

- There are no known side effects.
- Always read the warnings before use
- Always check patient suitability before use

2.7. LIMITS OF USE

- Use the device only for its intended purpose.
- Pay attention to the user's stability and the surrounding environment.

2.7.1. RESIDUAL RISKS




- The integrity of the device is not guaranteed if dropped, impacted, or used inappropriately. Delicate components may break or become detached.

2.7.2. FIRE PREVENTION

- Do not expose the device to flames, intense heat sources or flammable materials.

2.7.3. PREVENTION OF ENVIRONMENTAL AND PERSONAL DAMAGE

- Discontinue use if any part of the device becomes damaged.
- Dispose of the device according to local regulations.

2.8. EMERGENCY FUNCTIONS

In case of sudden malfunction, discontinue use immediately and remove the user from the tablet.

2.9. COMMON FUNCTIONS

- proprioception
- strength/recruitment
- spasticity
- rigidity
- transfers
- balance
- I walk

3. PACKAGE CONTENTS AND PRODUCT FEATURES

The product is delivered in cardboard packaging suitable for ensuring its integrity and functionality.

To open the package and remove the contents, pay attention to the warnings and symbols on the package itself.



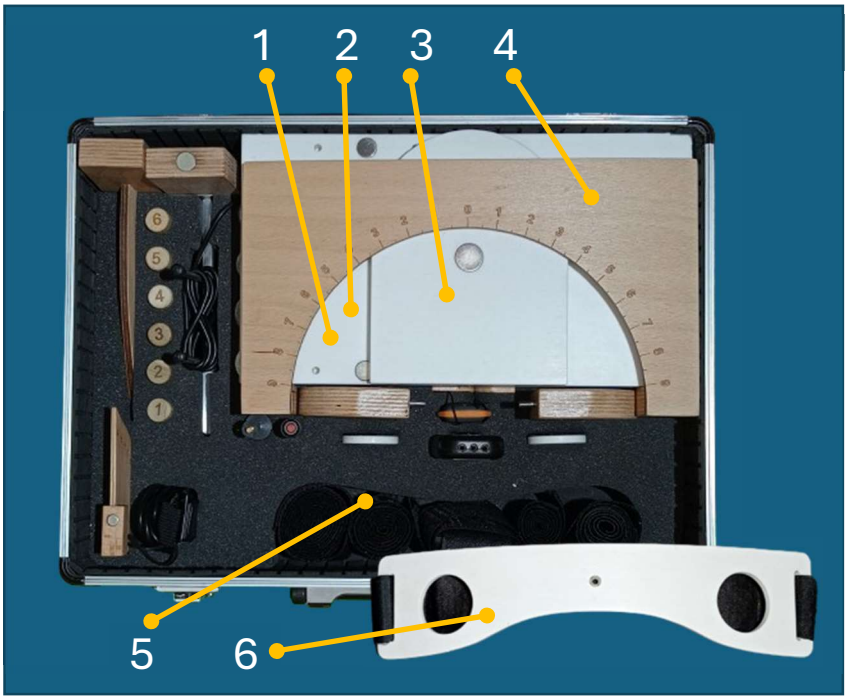


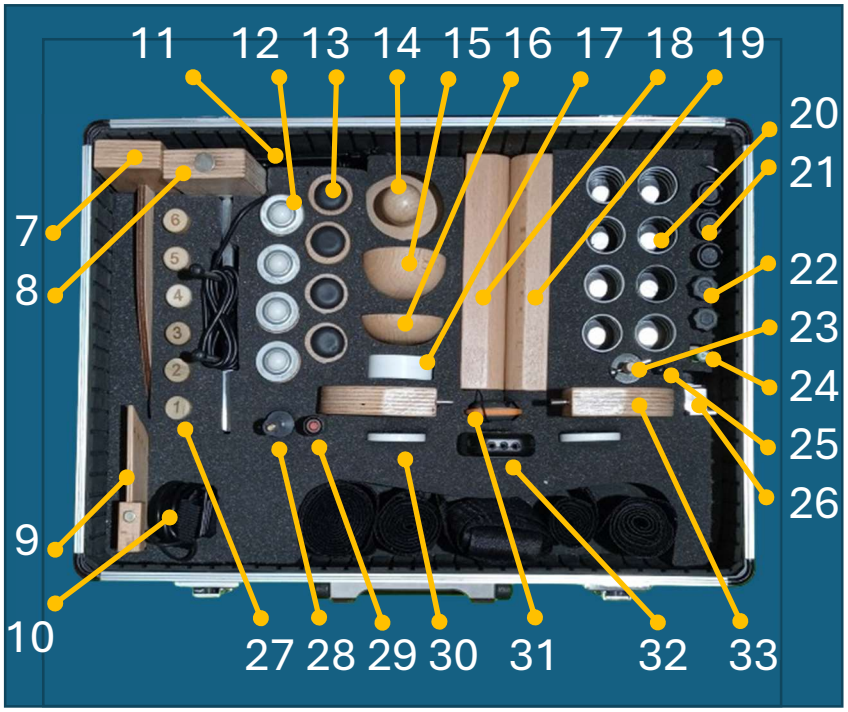
1	BOARD 1
2	BOARD 2
3	TILT BOARD
4	PRONO-SUPINATION ARCH
5	VELCRO BANDS
6	PELVIC VIEWER
7	HEIGHT INDICATOR
8	RANGE OF ACTION INDICATOR
9	OPPOSITION ARCH THUMB
10	GONIOMETER
11	WEIGHING WEIGHT
12	WEIGHTING BALLS
13	FEET
14	JOINT
15	HIGH HALF-BALL
16	LOW HEMI-BALL
17	JOINT SUPPORT
18	HIGH HINGE
19	LOW HINGE
20	SPRINGS
21	FLYERS
22	MAGNETIC FLYERS
23	FINGER WEIGHING WASHERS
25	FINGER WEIGHING SPINET
26	MIRROR SUPPORT ELEMENT
27	HEIGHTS
28	LASER HOLDER





3.1. COMPONENTS

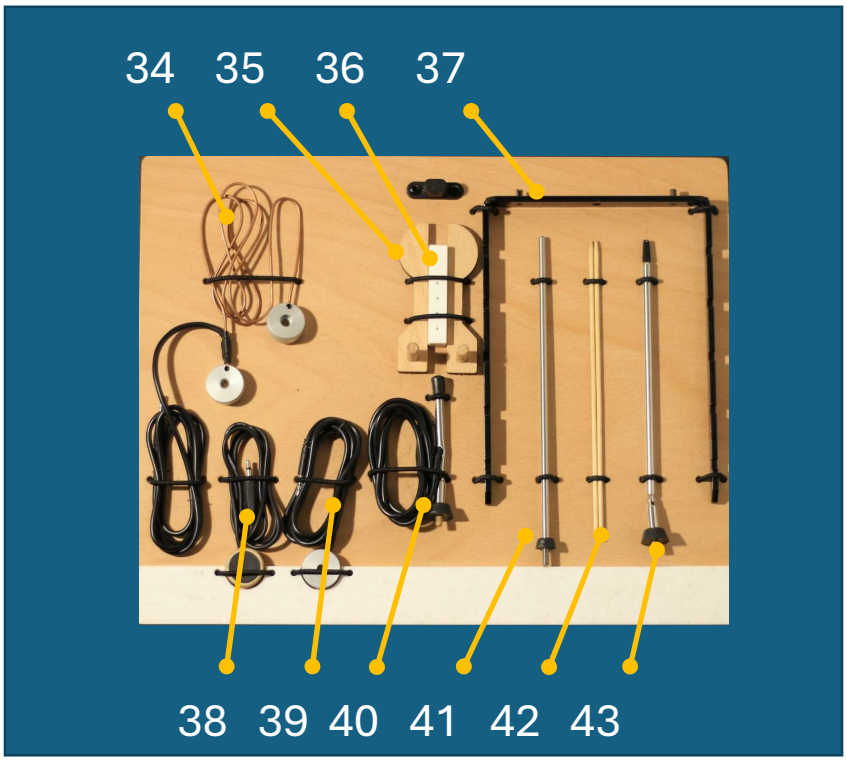




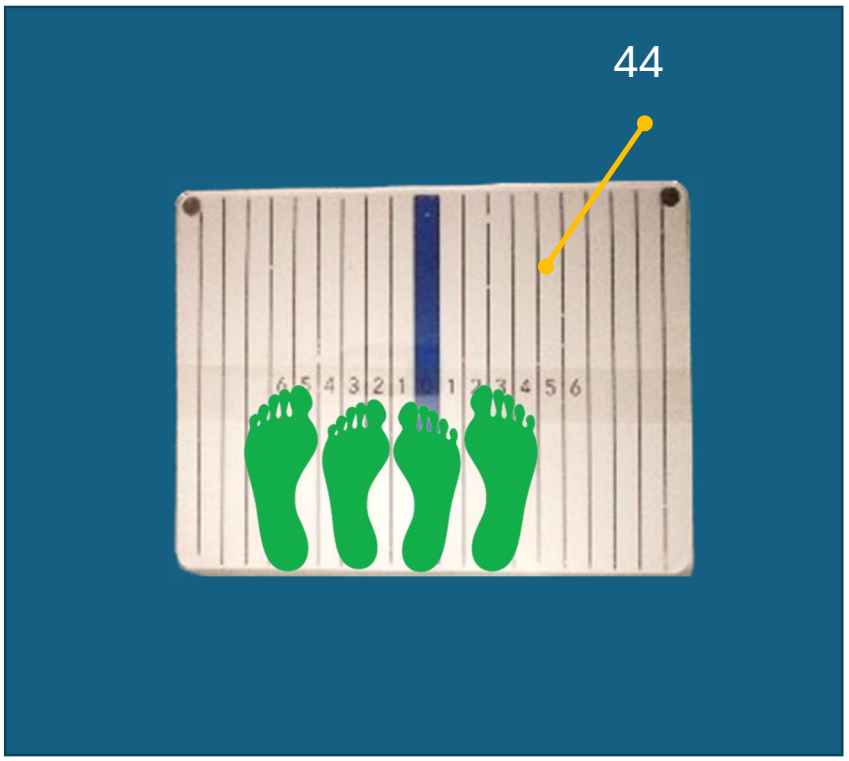
29	LASER
30	SUPPORT
31	WIRE GONIOMETER
32	FEEDBACK CONTROL UNIT
33	TILT-TABLE SUPPORTS







34	FLEXIBLE TRAJECTORY
35	FINGER BALANCE
36	FINGER BALANCE SUPPORT
37	WEIGHT SUPPORT
38	COIN VIBRATING
39	ELECTRICAL CONNECTION
40	INCLINOMETER
41	METAL LANCET
42	NEEDLE
43	ANTENNA
44	GRAPHIC PANEL







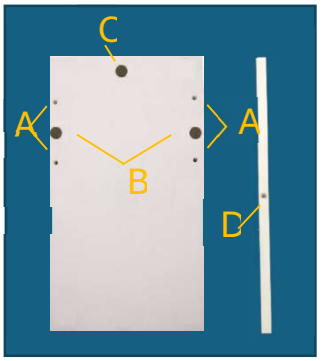
3.1.1. COMPONENT DETAILS

TABLET 1 BOTTOM SIDE

The two SPINETs B of the TILTING TABLET SUPPORTS 33 are inserted into the holes A. The FINGER BALANCE SUPPORT 36 or the THUMB OPPOSITION ARCH 9 is attached to the magnet C.

TABLET 1 UPPER SIDE LS

N°Pezzi:	
A	2 holes for inserting shoulder pins (33)
B	2 shoulder magnets (33)
C	1 magnete per supporto soppesamento dita (36)
D	1 inclinometer THREADED BUSHINGS (42), laser holder (26),



One of the HINGES 18/19 or the HEMI-SPHERE 15/16 or the JOINT SUPPORT 17 can be attached to the three central magnets. The SUPPORTING SPHERES 12 or the SPRINGS, or the FEET 13 can be attached to the four magnets at the edges of the board to bring the board to the same height as the other board positioned above the HIGH hinge 18. The SPINETs of the shoulders of the TILTING TABLE SUPPORTS 33 are inserted into the through holes A. The two anchor SPINETs B of the WEIGHT SUPPORT 37 are inserted into the two holes B on the short edge of the board, screwing it to the board in the bushing C with the Knob 21 A. The LASER HOLDER 28, the INCLINOMETER 40 or the METAL POINT 41 can also be screwed into the C/D THREADED BUSHINGS Be careful when exercising by tilting the tablet to the end of its travel, so as not to damage the elements inserted in the C/D THREADED BUSHINGS.

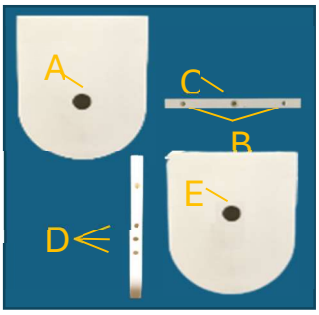
TABLET 2 BOTTOM SIDE LI

The presence of magnets on the lower side of the tablet 2 allows you to position the two HINGES (18/19) or the two HALF-SPHERES (2/3) in the desired position. The SPRINGS (8) housed at the edges allow you to dampen the oscillations of the tablet. The LASER HOLDER 28, the INCLINOMETER 40 or the METALLIC POINT 41 can be screwed into the C/D THREADED BUSHINGS.




TILTING TABLET 3

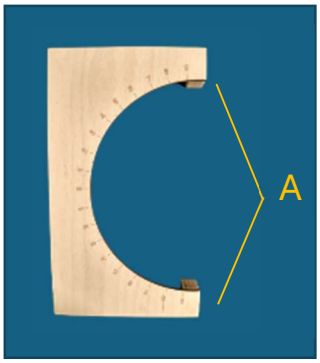
A 1 magnet for hemisphere (15-16)
B 2 blind holes for inserting weight pins (37)
C 1 handwheel socket (21 A)
D 3 blind holes for inserting magnetic flyers
E 1 joint magnet (14)



The HALF-SPHERE 15/16 is attached to the magnet A to allow the patient's palm to rest on it. The JOINT 14 is attached to the magnet E. The two anchor SPINETs B of the WEIGHT SUPPORT 37 are inserted into the two holes B on the short edge of the tilting board, screwing it to the board in the bushing C with the Knob 21 A. The LASER HOLDER 28, the INCLINOMETER 40 or the METAL GAUGE 41 can be screwed into the bushing C. For exercise with the FLEXIBLE TAILING HOSE 34, insert the threaded terminal A of the METAL GAUGE 41 into the hole of the ELECTRICAL CONNECTION 39 before screwing it into the bushing C. The MAGNETIC GAUGE 22 is inserted into one of the three blind holes D after it has been inserted into hole A of the TAILING TABLE SUPPORT. The board is not suitable for A LOAD greater than the weight of one limb.

PRONO-SUPINATION ARCH 4

N°Pezzi:
A 2 magnets per tablet (1 /2A)



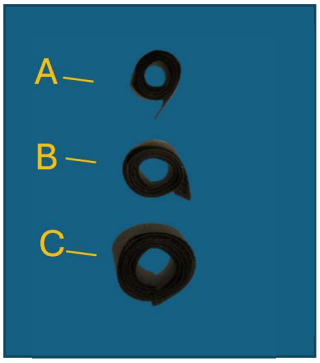
The magnets A are attracted to the magnets of TABLET 1/2 to keep the panel in a vertical position.

VELCRO BANDS 5





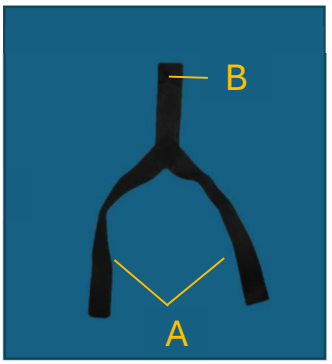
N°Pezzi:	
A	1 band length 40 cm
B	1 band length 60 cm
C	1 band length 110 cm



The VELCRO BAND 5 C is placed around the trunk at sternal level and closed at the back. The VELCRO BAND 5 B can be used on the head to position the SUPPORT 30 to connect the LASER HOLDER 28 or the INCLINOMETER 40. The VELCRO STRAPS 5 A/B can be used on different body segments to position the SUPPORT 30 to connect the LASER HOLDER 28 or the INCLINOMETER 40 or the GONIOMETER 10 C.

VELCRO BAND FOR TRUNK 5

N°Pezzi:	
A	Velcro to attach to the 5C band at the front
B	Velcro to attach to the 5C band at the back



The VELCRO BAND 5 C is placed around the trunk at sternal level and closed at the back. The VELCRO BAND FOR TRUNK 5 is attached to Band C at the front with the two ends (A). While at the back the female Velcro part of the VELCRO TRUNK BAND (B) is placed between the two parts of the band C. The SUPPORT 30 attaches to the female Velcro B of the band 5 at the back or to the Band C at the front between the two straps A of the VELCRO BAND FOR THE TRUNK.

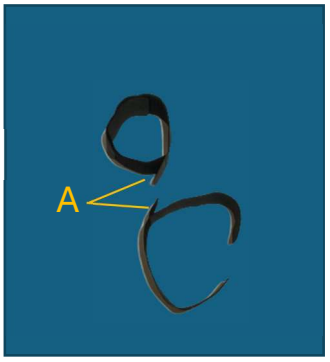
VELCRO ANKLE BAND 5





N°Pezzi:

A free element for goniometer connection (10)

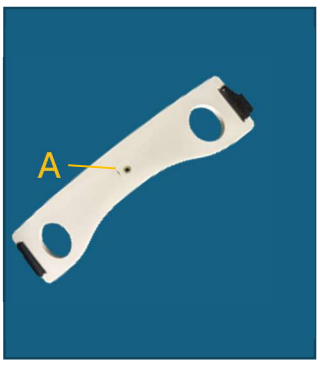


Attach the VELCRO ANKLE STRAPS to the ankles. Attach the ends C of the GONIOMETER 10 to free element A. The elastic regulator B is set to its maximum length so as not to damage the goniometer, and the cable is also adjusted to its maximum length, then its length can be adjusted according to the patient's stride length. If the patient has asymmetrical stride length, they will only hear a sound on the side with the longer stride. Ask the patient to align their stride length by activating the acoustic feedback on the other side as well. If the patient takes an excessively long step or stumbles, the Velcro fastening will allow for immediate release of the device.

PELVIC VIEWER 6

N°Pezzi:

A 1 THREADED BUSHINGS for screwing laser holder (28), antenna (43), inclinometer (40)



The PELVIC VIEWER is positioned at the level of the pelvis and thanks to the elements that are inserted into THREADED BUSHINGS A, behaviors on different levels can be amplified. The LASER HOLDER 28, the INCLINOMETER 40, METAL LANCET 41 or ANTENNA 43 can be screwed into THREADED BUSHINGS A. Depending on the elements inserted into the THREADED BUSHINGS on the different planes can be amplified. INCLINOMETER 40 on the frontal and sagittal planes, LASER 29 for rotations on the sagittal and horizontal planes, and the antenna for anterior/posterior and lateral displacements.

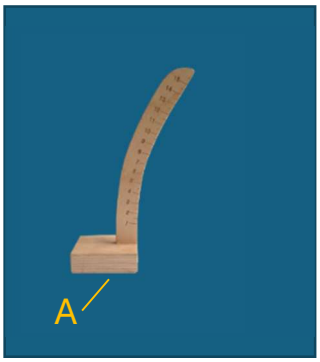




HEIGHT INDICATOR 7

N°Pezzi:

A	1 magnet to stabilize the element

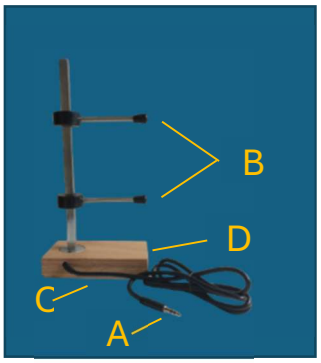


The HEIGHT INDICATOR is used to display the inclination angle reached by a TABLET. In this case, the tablet is amplified by the use of the ANTENNA 42 or the METAL POINT 41.

RANGE OF ACTION INDICATOR 8

N°Pezzi:

A	plug for insertion into the control unit (32)
B	2 metal terminals
C	1 magnet for vertical work of the signalman
D	1 magnet for horizontal work of the signalman



Unscrew the two metal terminals B counterclockwise and, after positioning them at the correct distance from each other, screw them back on. The RANGE OF ACTION INDICATOR can be positioned vertically by attaching it with magnet C or horizontally by attaching it with magnet D. Connect plug A to the CONTROL UNIT 32 C. To close the circuit and activate the FB, insert the threaded terminal A of the METAL HANDLE 42 into the hole B of the ELECTRICAL CONNECTION 39 before screwing it into the socket of the SUPPORT 30 or PELVIC VIEWER 6 or B/C/D of the TABLETS. Insert the plug of the ELECTRICAL CONNECTION 39 A into the CONTROL UNIT 32 A.

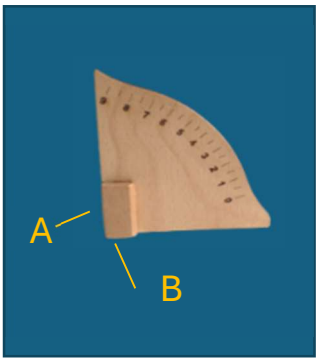
OPPOSITION ARCH THUMB 9





N°Pezzi:

A	1 magnet for work on side A
B	1 magnet for work on side B

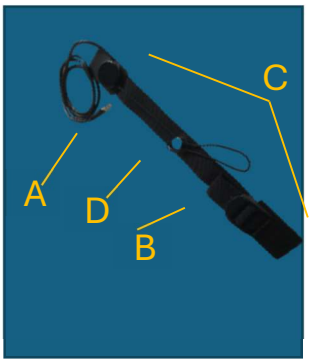


The OPPOSITION ARCH THUMB can be attached to one of several magnets on the TABLETS. By placing it with magnet A or B on the work surface, the distance between the palm of the hand resting on the vertical side of the aid and the thumb sliding on the numbered arc is greater or less. The patient is made to feel the different positions and then made to recognize or achieve them.

GONIOMETER 10

N°Pezzi

A	plug for insertion into the control unit (4)
B	elastic adjuster
C	Velcro base for attachment to Velcro bands
D	cable regulator



The GONIOMETER acts as a Feedback (FB) providing information regarding the reaching or exceeding of an angle at the various major joints of the body. It is positioned using the VELCRO STRAPS 5 proximally and distally at the level of the joints. The choice of band A/B/C is related to the diameter of the segment around which it is to be positioned. The adjustment is made by squeezing the cable regulator D which releases the cable and allows it to slide to the desired length. The elastic regulator B serves as a "friction" to allow that, once the cable length has been reached and the FB has been activated, one can proceed further without damaging the device. By inserting the plug A into the hole C of the FB 32 CONTROL UNIT, the cable regulator can be used to adjust the length and activate the visual FB. Once the correct joint range has been verified, the plug can be moved into hole A to activate the acoustic FB. If

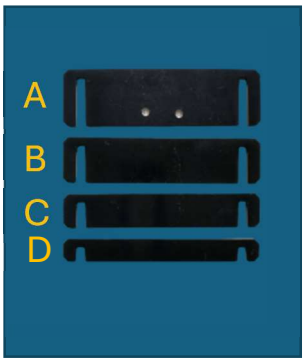




you wish to provide a vibratory FB, leave the plug in hole C and insert plug A of the VIBRATING PAD 38 into hole B of the Control Unit. The pad is placed in contact with the skin and secured with tape on the identified muscle group.

WEIGHTS FOR WEIGHING 11

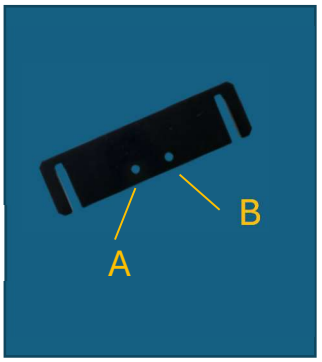
N°Pezzi:	
A	1 50g weight to be fitted to the weight holder (37)
B	1 100g weight to be fitted to the weight holder (37)
C	1 150g weight to be fitted to the weight holder (37)
D	1 200g weight to be fitted to the weight holder (37



The four WEIGHTS range from 50g to 200g. They fit into the five slots on the WEIGHT SUPPORT. You can choose the weight based on your area and its weight, resistance, and recruitment characteristics. Using the same weight and varying the position between the five notches creates different resistances.

MIRROR SUPPORT WEIGHT 11

N°Pezzi:	
A	1 foro per inserimento perno dell'elemento supporto mirror (26A)
B	1 threaded hole for screwing the 21A handwheel after having inserted it into the hole of the mirror support element (26B)



WEIGHING WEIGHT A can also be used as support for the MIRROR BOX PANEL 44. Insert SPINET A of the MIRROR SUPPORT ELEMENT 26 into hole a of the weight. Then insert the HANDWHEEL 21 A into the MIRROR SUPPORT ELEMENT 26, and then screw it into the threaded hole B of the weight.



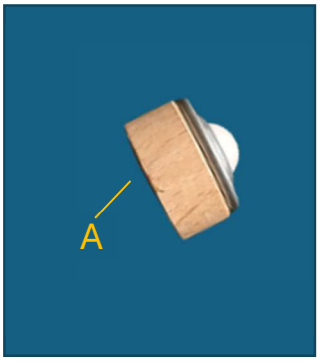


Keeping the weight resting on the long side, insert the MIRROR BOX PANEL 44 from the lower part of the short side of the panel (after having removed the transparent plexiglass part) screwing it with element C of the MIRROR SUPPORT ELEMENT 26.

CARRYING SPHERES 12

N°Pezzi:

A 1 tablet magnet (1 A)

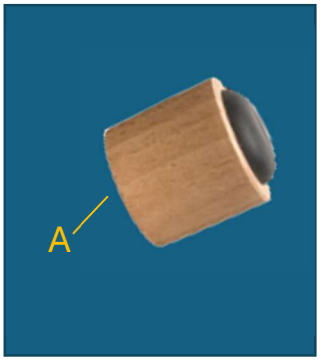


The BEARING BALLS are useful for reducing friction and allowing the 1/2" BOARDS to slide freely across the work surface. Position them on the four sides or in other positions depending on the exercise.

FEET 13

N°Pezzi:

A 1 tablet magnet (1 A)



The FEET, positioned on the 4 sides of TABLET 1, create a support surface for one foot at the same height as the other if positioned on TABLET 2 with a 19cm high height or a 15cm high semi-sphere. They can also be used in other positions, but in this case, pay close attention to the distribution of the load, to avoid imbalances and consequent harm to the patient.

JOINT 14

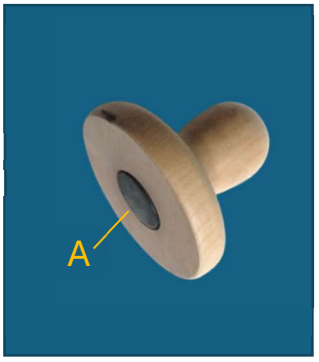




N°Pezzi:

A 1 x 2LI Tablet Magnet

B convex element that articulates with support 17

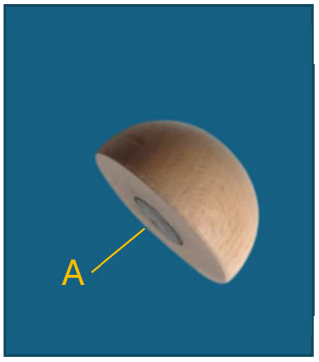


The JOINT works by inserting the convex upper part into the concave element of the JOINT SUPPORT (SS). It can be used with various tablets. For multi-planar work on hand movements, use the TILTING TABLET (TB) 3 by attaching magnet A of the S to magnet E of the TB while magnet A of the SS attaches to TABLET 2 LI.

HIGH HEMISPHERE 15

N°Pezzi

A 1 magnet for 3A wobble board or 1-2 LI board



The HEMISPHERES are positioned in contact with the magnets of the TABLETS and allow multiplanar movements. By using the HIGH HEMISPHERES under one tablet and placing the FEET under the other, the same height is maintained.

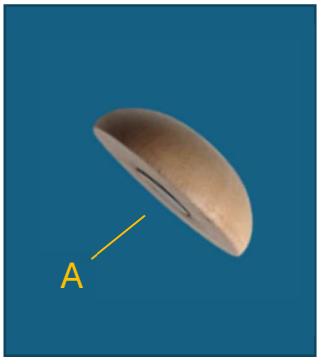
LOWER HEMISPHERE 16





N°Pezzi:

A 1 magnet for 3 A wobble board or 1-2 LI board



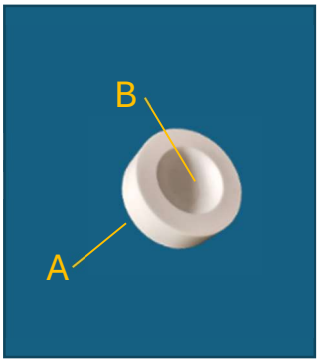
The HEMISPHERES are positioned in contact with the magnets of the TABLETS and allow multiplanar movements.

JOINT SUPPORT 17

N°Pezzi:

A 1 magnets for tablet 1-2 LI

B concave element that articulates at joint 14



The JOINT SUPPORT acts as a concave element that accommodates the upper convex part of the JOINT 14

It can be used with different tablets. For multi-level work on hand movements, use the TILTING TABLET 3 by attaching magnet A of the JOINT to magnet E of the TILTING TABLET 3 while magnet A of the JOINT SUPPORT attaches to the TABLET 2 LI.

LOW HINGE 18

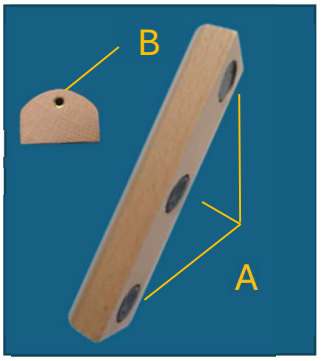




N°Pezzi:

A 3 magnets for tablet 1-2 LI

B THREADED BUSHINGS for screwing the hand (41)



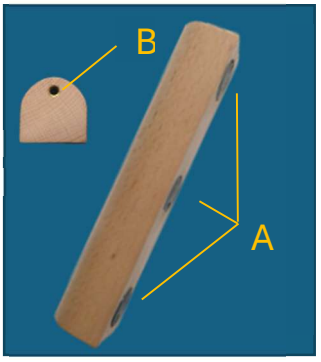
The LOW/HIGH HINGE 18/19, can be positioned as desired on the magnets of the TABLET 1/2. The METAL HANDLE 41 is screwed into the bushing B of the LOW/HIGH HINGE. This way, the direction of the hinge can be seen on the outside of the tablet. The numbered HEIGHTS 27 can be placed on the floor to identify different angular positions relative to the positions of the LOW/HIGH HINGE. Caution: Avoid moving the hinge by acting on the METAL HANDLE. Unload the patient's weight from the TABLET and change the position of the hinge by acting on it.

HIGH HINGE 19

N°Pezzi:

A 3 magnets for tablet 1-2 LI

B THREADED BUSHINGS for screwing the hand (41)



For work with bipedal support on two boards, it is recommended to use the HIGH HINGE and a TABLET with FEET 13 under the other foot to ensure work at the same height.

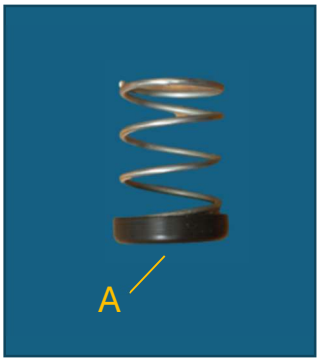
SPRINGS 20





N°Pezzi:

A 1 magnetic base for 2 LI tablet



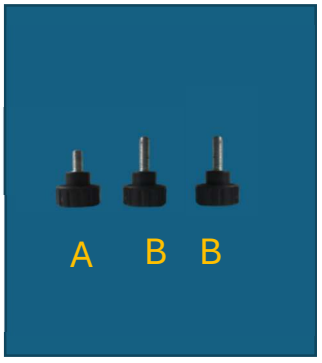
Using the presence of magnets in the center of the SPRINGS, they can be conveniently inserted under the TABLETS in the desired positions. They are useful both for dampening oscillations, making the exercise variable in complexity, and for creating resistance recognition exercises. Using the presence of magnets in the center of the SPRINGS, they can be conveniently inserted under the TABLETS in the desired positions. They are useful both for dampening oscillations, making the exercise variable in complexity, and for creating resistance recognition exercises.

FLYERS 21

N°Pezzi:

A 1 length 10 mm for screwing weight holder to tablet 1 and oscillating tablet

B 2 length 15 mm For spirit level 24 and flexible contact 34
For mirror box use: insert into the mirror support element (26B) and then screw onto the support weight (11B)



Using FLYERS 21A, screw WEIGHT SUPPORT 37 to TABLET 1/3 in socket C. It is also used to screw MIRROR SUPPORT ELEMENT 26 to WEIGHT 11 using threaded hole B of the WEIGHT. Using FLYERS 21B, insert them into holes B of the FLEXIBLE TRAJECTORY PIPE (FPT) and then screw them into sockets C of TABLET 1. Also using FLYERS B, fix LEVEL 24 to the TABLET.

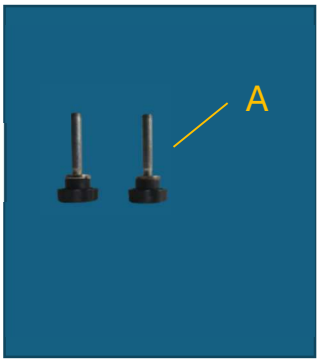




MAGNETIC FLYERS 22

N°Pezzi:

A for swinging tablet: the handwheel fits into the supports of the swinging tablet 33A and is inserted into the swinging tablet 3E



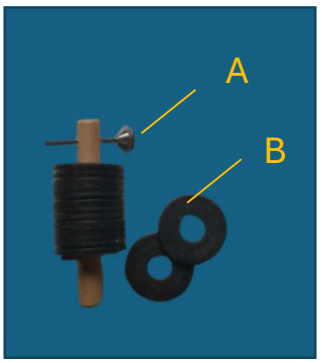
The two MAGNETIC FLYERSS are inserted into the through holes A of the TILTING TABLET SUPPORTS 33 and then housed in the holes D of the TILTING TABLET 3. The presence of the magnet at the base of the FLYERS allows for quick insertion/removal and at the same time guarantees a secure hold.

FINGER WEIGHING WASHERS 23

N°Pezzi:1

A pin to release the washers

B washers to be inserted



The FINGER WEIGHING WASHERS are inserted into the B SPINET of the FINGER SCALE 35, while the patient's fingertip rests on the opposite side. To remove them from the support, remove the 23 A SPINET. For more complex tasks, it is possible to use both FINGER SCALE 35s simultaneously.

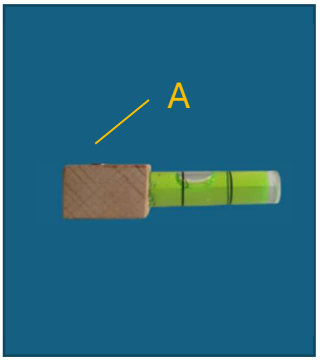
LEVEL 24





N°Pezzi:

A hole for inserting the flywheel (21B)

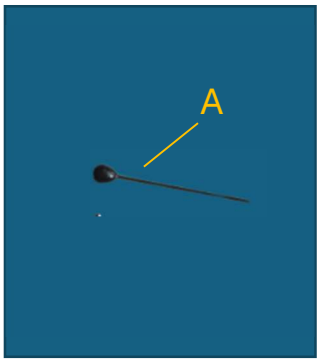


Insert the FLYERS 21 B into hole A of the LEVEL and then screw it onto one of the sockets B/C/D on the edges of the TABLETS 1/2.

FINGER WEIGHING SPINET 25

N°Pezzi:

A the spinet passes through the finger balance (35) and then stabilizes in the balance support



The FINGER WEIGHING SPINET is inserted into hole A of the FINGER BALANCE 35 and then inserted into one of the holes A of the BALANCE SUPPORT 36 which is positioned vertically by means of the magnet B to the magnet C of the TABLET 1 LS.

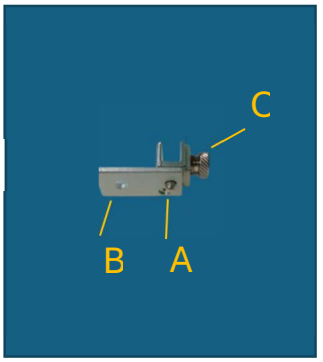
MIRROR SUPPORT ELEMENT 26

N°Pezzi:

A Pin that fits into the hole in the mirror holder (11)

B The handwheel (21A) fits into the mirror holder (11) and is then screwed in here

C element for attaching to the mirror panel (44)





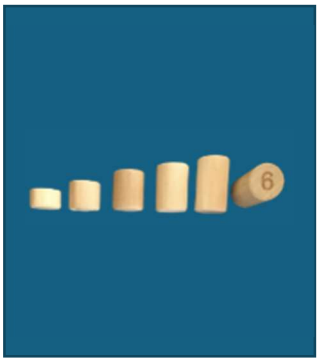


Place SPINET A of the MIRROR SUPPORT ELEMENT into hole A of the MIRROR SUPPORT WEIGHT 11. Then insert FLYERS 21 A into the MIRROR SUPPORT ELEMENT and then screw it into threaded hole B of the MIRROR SUPPORT WEIGHT 11. Keeping the weight resting on the long side, insert the GRAPHIC PANEL 44 from the lower part of the short side of the panel (after having removed the transparent plexiglass part) screwing it with the element C of the MIRROR SUPPORT ELEMENT.

HEIGHTS 27

N°Pezzi:

6 cylinders of different numbered

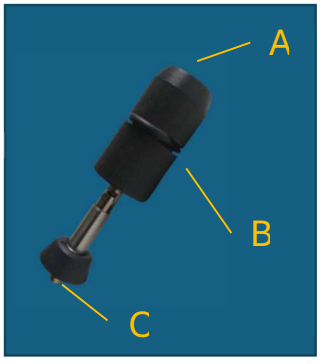


The 6 numbered cylinders can be used to determine a limit switch for the inclinations of the TABLETS in angular recognition tasks or as references for the different positions of the HINGE 18-19 positioned under the tablet, or to be positioned as a stop under the FINGER BALANCE 36 on the fingertip side or for other contexts.

LASER HOLDER 28

N°Pezzi:

- A — space for laser insertion (29)
- B — rubber sheath to stabilize the laser (29)
- C — threaded terminal to be inserted into the sockets



Screw the threaded terminal C of the LASER HOLDER to the sockets of the PELVIC VIEWER 1 or of the SUPPORT 3. It can also be screwed to the sockets B/C/D of the TABLETS 1/2/3 The LASER 12 must be inserted into the LASER HOLDER A with the switch (5A) in the lower part.

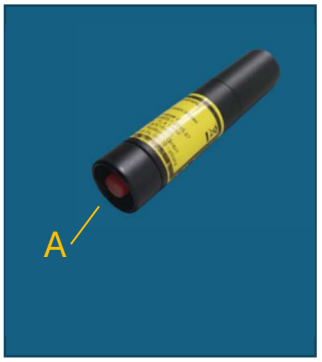




LASER 29

N°Pezzi:

A Switch

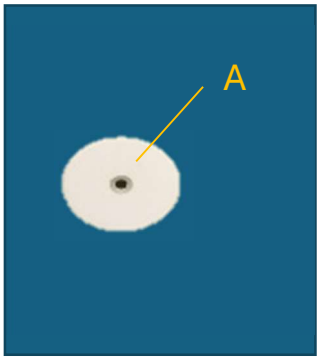


The LASER is turned on and off by pressing it against the bottom of the LASER HOLDER 28. Insert batteries before first use. The laser is useful for amplifying rotations on the sagittal and horizontal planes; it does not amplify lateral/lateral, antero/posterior movements or inclinations on the frontal plane. The Class 1 laser beam is considered harmless because the radiation emitted is always below the maximum permitted standards (MPE, Maximum Permissible Exposure). However, it is recommended to avoid pointing directly at the eyes.

SUPPORT 30

N°Pezzi:

A threaded socket for inserting laser holder (28), inclinometer (40), antenna (43)



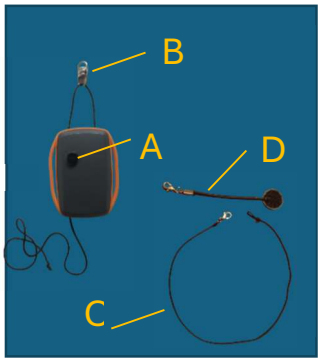
The SUPPORT is placed on the different types of BANDS 5. The LASER HOLDER 28, the INCLINOMETER 40, the METAL LANCET 41 or the ANTENNA 43 can be screwed into THREADED BUSHINGS A. Depending on the elements inserted into THREADED BUSHINGS A, behaviors on different planes can be amplified. The inclinometer on the frontal and sagittal planes, the laser for rotations on the sagittal and horizontal planes, the antenna for anterior/posterior and lateral displacements.





WIRE GONIOMETER 31

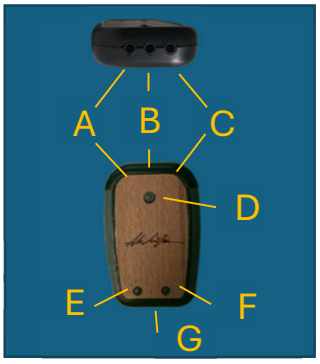
N°Pezzi:	
A	button to adjust the length of the wire
B	ring for inserting choker C elastic element D
C	crew neck
D	elastic element



The 31 WIRE GONIOMETER acts like a goniometer, providing a FB for angular changes across different joints/areas. It contains both the power supply and the vibrating pad (the only type of FB possible with this device). Apply double-sided tape to the back of the wire goniometer. Place the tape on the skin over which the box will be applied. The elastic element D must be positioned with tape on the other segment/district. Adjustment is done by pressing button A and adjusting the length of the cable. For exercises related to the retraction of the lower cervical spine, apply the box at the level of the sternum. Insert the choker into ring B and close it at the back of the neck. At this point, adjust the length of the cable so that the vibrating FB is activated when the correct alignment of the cervical tract is achieved. Before using it for the first time, remove the tab that interrupts the battery connection. When the battery runs out, unscrew the screw on the back of the element and replace it.

FEEDBACK CONTROL UNIT 32

N°Pezzi:			
A	Input for acoustic feedback		
B	Vibrating pad input		
C	Input for visual/vibratory feedback		
D	Led Feedback	F	Low battery LED
E	Charged battery	G	Charging plug



By inserting the plug A of the GONIOMETER 10 or the INCLINOMETER 40 into hole A of the FEEDBACK CONTROL UNIT (CFB) 32, the acoustic FB is activated. If you insert them into hole C, the visual FB is activated; this mode is useful as a visual FB for the patient or the operator but it is also useful for

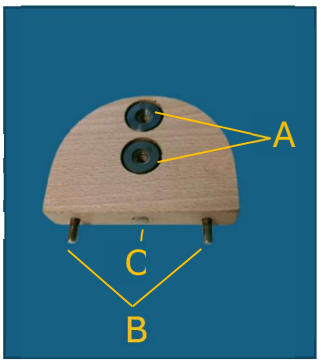




adjusting the goniometric range or the inclinometer without the patient noticing the activation of the buzzer before carrying out the exercise. Once the correctness of the joint range has been verified, you can move the plug into hole A to activate the acoustic FB. If you wish to provide a vibratory FB, leave the plug in hole C and insert the plug A of the vibrating pad (9) into hole B of the Control Unit. The pad is positioned in contact with the skin and fixed with tape on the identified muscle group. It is also possible to use two different FB modes, one acoustic and one visual or vibratory by inserting all three plugs into the holes on the control unit. To fully charge the battery inside the control unit, connect a charging cable (a cell phone cable is suitable) to the G connector. When the battery is almost flat, LED E lights up, while it is charging, LED F lights up.

TILTING TABLET SUPPORTS 33

N°Pezzi:	
A	2 holes for inserting magnetic flyers (22)
B	2 Pins for insertion into the tablet 1 LS
C	1 magnet



Pins B of the shoulders of the TILTING TABLET SUPPORTS are inserted into the through holes A of the TABLET 1 LS. The magnet in the centre of the pins is attracted by the one (B) on TABLET 1. The two holes A offer the possibility of choosing the two different heights at which to create the oscillating plane. Insert the CALAMIFIED FLYERS 22 into one of these, which will then be housed inside one of the three blind holes D of the TILTING TABLE 3.

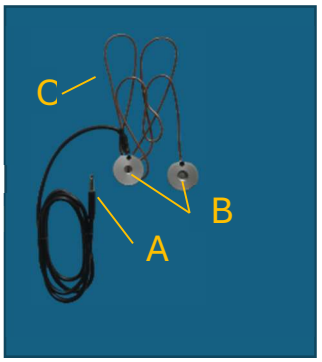




FLEXIBLE FOR TRAJECTORY 34

N°Pezzi:

- A 1 plug for insertion into the control unit 32
- B 2 holes for inserting flyers (21B) on the 1 C tablet
- C 1 flexible wire

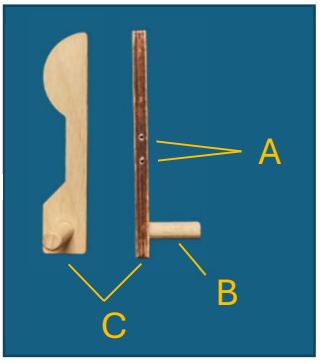


Insert the 2 FLYERS 21 B into the holes B of the FLEXIBLE TRAJECTORY and then screw them into the bushings C of the TABLET 1. Attach the four FEET 13 to TABLET 1. The flexible copper wire is shaped to make it functional to the needs of exercise. Connect the 34 A plug to the 32 C CONTROL UNIT. To operate with the FLEXIBLE TAPE 34, insert the threaded terminal A of the METAL HANDLE 41 into the hole B of the ELECTRICAL CONNECTION 39 before screwing it to the socket. Insert the plug 39 A into the CONTROL UNIT 32 A.

FINGER LAUNCH 35

N°Pezzi:

- A 2 through holes for spinet
- B pin for inserting washers 23
- C Blind hole for lancet



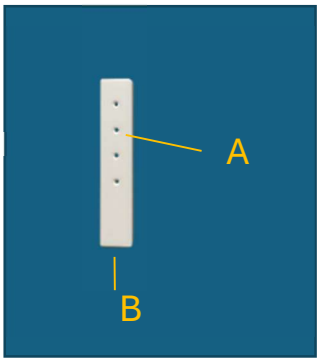




FINGER BALANCE SUPPORT 36

N°Pezzi:1

- A holes for inserting pin (25) for finger balance
- B magnet for stabilization on the tablet 1 LS

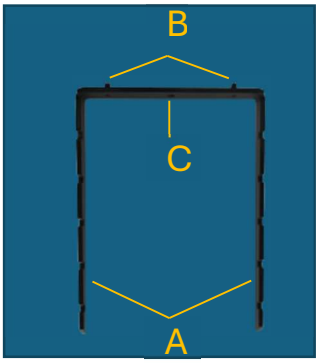


A useful tool is created for finger weighing and recruitment exercises. Insert the FINGER WEIGHING PIN 25 into hole A of the FINGER SCALE 35 and then insert it into one of the holes A of the SCALE SUPPORT, which is positioned vertically using magnet B to magnet C of the 1 LS board. The FINGER WEIGHTING WASHERS 23 are inserted into the B connector of the FINGER SCALE 35, while the patient's fingertip rests on the opposite side. To remove them from the support, remove the 23 A connector. For more complex tasks, it is possible to use both FINGER SCALE 35s simultaneously. For exercises in reaching/recognising flexion and extension positions of the fingers, use the HANDS 42 to extend the FINGER BALANCE 35 by inserting them into the hole C. The level reached can be viewed and verified using the HEIGHT INDICATOR 7.

WEIGHT SUPPORT 37

N°Pezzi:

- A 2 bars for anchoring weights
- B 2 anchor pins in the holes on the board (1B) and on the tilting board 3B
- C hole for handwheel (21B) to be screwed to the tablet (1C) or to the tilting tablet (3C)



The WEIGHT SUPPORT is inserted using the two anchor pins B by screwing it to the TABLET 1/3 in the socket C with the Knob 21 A. The four weights fit into the five slots on the weight holder. You can choose the weight based on your area and its weight, resistance, and recruitment characteristics. Using the same weight and varying the position of the five notches creates different resistances.



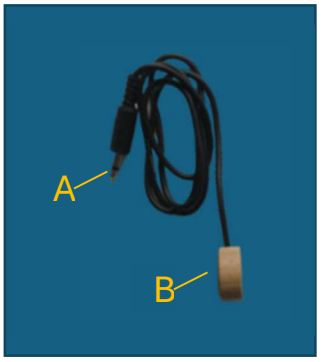


COIN VIBRATING 38

N°Pezzi:1

A plug for insertion into the 32B control unit

B vibrant element



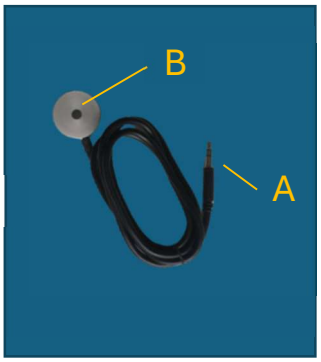
If you wish to provide vibration feedback, insert pin A of the VIBRATING PAD 38 into hole B of the CONTROL UNIT, while the pin of the INCLINOMETER 40 or the GONIOMETER 10 into hole C of the CONTROL UNIT. If you wish, you can use both devices by inserting one of them into hole A of the CONTROL UNIT 32 to get acoustic feedback from it. The tablet is placed in contact with the skin and fixed with tape on the identified muscle group.

ELECTRICAL CONNECTION 39

N°Pezzi:1

A plug for insertion into the control unit 32

B contact for metal pointer connection (41)



Insert the threaded terminal A of the METAL HANDLE 42 into the hole B of the ELECTRICAL CONNECTION 39 before screwing it into the socket of the SUPPORT 30 or PELVIC VIEWER 6 or B/C/D of the TABLETS. Insert the plug 39 A into CONTROL UNIT 32. To close the circuit and activate the Feedback, the TRAJECTORY FLEXIBLE 34 or the ACTION RANGE INDICATOR 8 can be used.

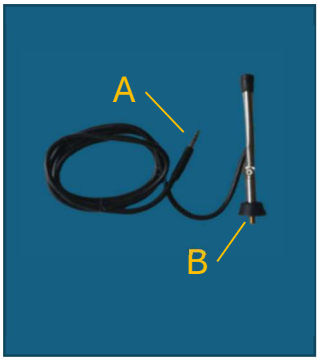




INCLINOMETER 40

N°Pezzi:1

A	plug for insertion into the control unit 32
B	threaded terminal to be inserted into the tablets (1 -2-3) or into the pelvic viewer (6) or into the support (30)

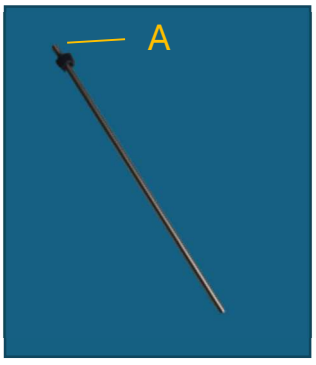


The INCLINOMETER 40 provides a FB relative to the absolute movements of the segment on which it is positioned. It screws onto SUPPORT 30 or PELVIC VIEWER 6. It can also be screwed onto the B/C/D sockets of PLATES 1/2/3. To screw in and adjust the antenna, always rotate clockwise. After screwing it onto the chosen support, insert the plug into the CONTROL UNIT. As with the Goniometer, different types of FB can be provided by inserting the plug into one of the two holes on the Control Unit. The inclinometer activates the FB when the vertex of the antenna exceeds the horizontal. It is thus possible to work in the sagittal or frontal planes, depending on the positioning plane of the antenna. It is not useful for recording rotations on the horizontal plane; it does not amplify lateral/lateral or anterior/posterior movements. Range adjustment is achieved by changing its inclination.

METAL LANCET 41

N°Pezzi

A	Threaded terminal to be inserted into the hinges (13-14B) For Feedback, insert the electrical connection and screw it to the 1C tablet or the 3E0 tilting tablet



The METAL LANCET can be inserted directly into the THREADED BUSHINGS of the TABLETS or into the HINGES to amplify their direction or by inserting threaded terminal A of the LM 42 into the hole B of the ELECTRICAL CONNECTION 39 it is screwed onto the THREADED BUSHINGS of the SUPPORT 30 or PELVIC VIEWER 6 or B/C/D of the TABLETS. In this case the antenna touching the two instruments: the FLEXIBLE



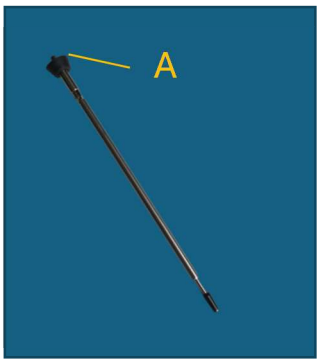


TRAJECTORY 34 or the ACTION RANGE INDICATOR 8 closes the circuit and activates the visual or acoustic FB.

ANTENNA 42

N°Pezzi:

A threaded terminal to be inserted into the tablets (1 -2-3) or into the pelvic viewer (6) or into the support (30)

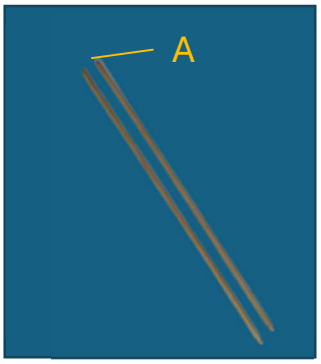


The ANTENNA 42 is screwed onto the THREADED BUSHINGS of SUPPORT 30 or that of the PELVIC VIEWER 6 or B/C/D of the TABLETS. Using the different trajectories, numbering and graphic references present in the panel, numerous scenarios can be created for the control on the horizontal plane of the pelvis aimed at load shifts, balance control, guidance of advancement movements, and rotation for the reorganization of correct movement patterns.

HAND 43

N°Pezzi:

A Insertion into the finger balance (35C)



The hands inserted in the hole C of the FINGER BALANCE 35 amplify its movement which can be controlled by positioning HEIGHT INDICATOR 7 at the end of the HAND.

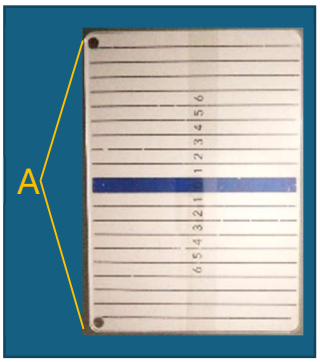




GRAPHIC PANEL - MIRROR BOX 44

N°Pezzi:

A 2 magnets to stabilize the transparent panel after inserting the graphic elements



Place the various graphics under the transparent Plexiglass panel, overlapping them to create references for the patient to follow, for example, with the antenna connected to the pelvic viewer or references for the LASER POINTER or other. To perform exercises according to Mirror Therapy, remove the transparent panel and keep the mirror panel vertical on the long side using the MIRROR SUPPORT ELEMENT 26 fixed to the WEIGHING WEIGHT 11.



