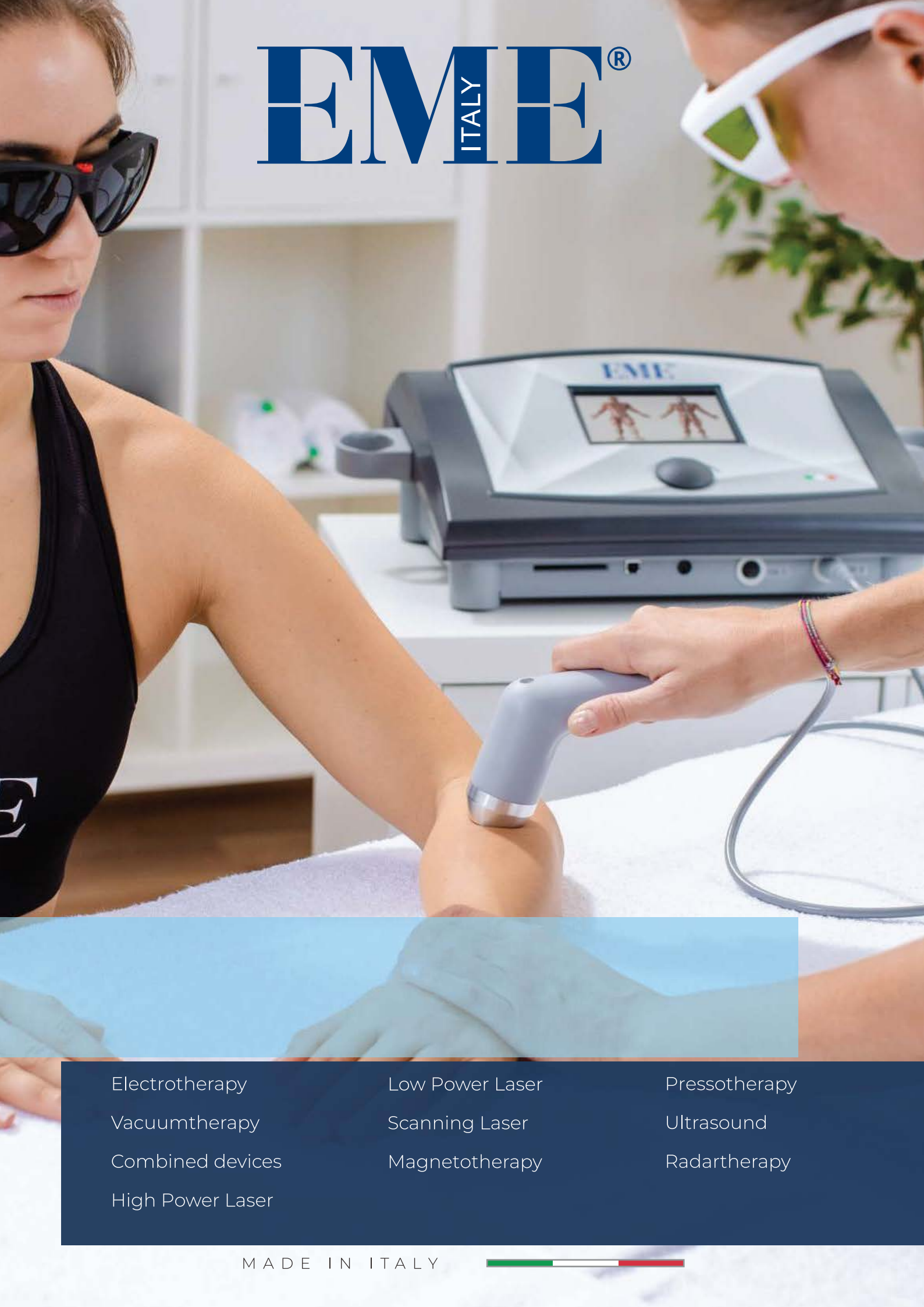


EMIE[®]

ITALY



Electrotherapy

Vacuumtherapy

Combined devices

High Power Laser

Low Power Laser

Scanning Laser

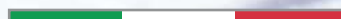
Magnetotherapy

Pressotherapy

Ultrasound

Radarthrapy

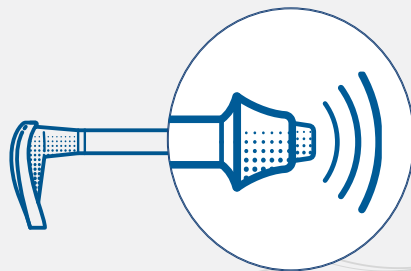
MADE IN ITALY



SHOCK MED

Il nuovo manipolo si distingue per una spiccata ergonomia e funzionalità. Tanto bilanciato e pratico da offrire la doppia modalità di impugnatura: sulla parte superiore della canna e all'estremità inferiore come una penna. Il nuovo sistema pneumatico è in grado di generare un colpo più intenso ed efficace.

The new handpiece stands out for its marked ergonomics and functionality. So balanced and practical to offer the double handle mode: on the upper part of the barrel and at the lower end like a pen. The new pneumatic system produces a stronger and more effective shot.





Il nuovo manipolo è stato minuziosamente disegnato per permettere all'operatore di effettuare il trattamento in assoluta comodità consentendo la doppia impugnatura: nella parte superiore o ad inforco (ideale per accompagnare il massaggio). Con HR Tek è possibile lavorare in modalità resistiva, capacitiva e bipolare (senza bisogno della piastra di ritorno).

Tutti gli elettrodi possono essere equipaggiati con un innovativo sistema di isolamento che impedisce il passaggio delle onde elettromagnetiche tra elettrodo e mano dell'operatore.

The new handpiece has been meticulously designed to allow the operator to carry out the treatment in absolute comfort. Two handle modes: on the upper part or as massage probe. With HR Tek it is possible to work in resistive, capacitive and bipolar mode (without the need of the return plate).

All the electrodes can be equipped with an innovative isolation system that blocks the transmission of electromagnetic waves to the operator.



CRYSTAL YAG & BIPOWER LUX

Estrema efficacia e precisione di emissione: sono queste le caratteristiche di spicco di [Crystal Yag](#) e [Bipower Lux](#), due laser ad alta potenza di eccellenza prodotti interamente in Italia. Anche le sorgenti laser, infatti, sono il frutto di [anni di ricerca](#) del nostro reparto di R&D. Vengono prodotte internamente e sono controllate, a livello di emissione e gestione di energia, dalla scheda di potenza.

Il manipolo è dotato di un pratico sistema di distanziamento che permette di avere **ben 4 spot diversi** senza cambiare applicatore.

Extreme emission efficiency and precision: these are the key features of [Crystal Yag](#) and [Bipower Lux](#), two cutting-edge high-power laser devices 100% made in Italy. The laser sources as well are the result of [years of research](#) by our R&D department. They are produced internally and both the level of emission and energy are controlled by the power board.

*The handpiece is equipped with a practical spacing system that allows to have **4 different spot sizes** without changing the applicator.*



0,98 cm²

1,76 cm²

3,14 cm²

4,9 cm²





STRONG POINTS



SOFTWARE

A REVOLUTIONIZED SOFTWARE:

The new hardware combined with the new software boosts the performances to the maximum level, allowing a better energy transfer.

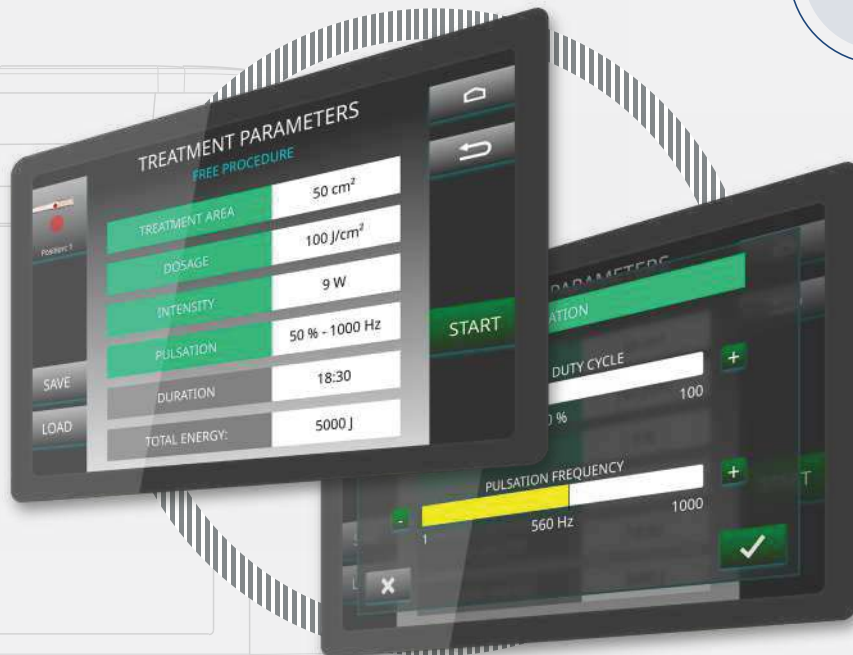


Navigabilità migliorata
Improved navigability

Velocità estrema
Extreme speed

User friendly al 100%
100% user-friendliness

BIPOWER LUX



Independent management of the two wavelengths by acting on POWER/FREQUENCY/DUTY CYCLE

CRYSTAL YAG & BIPOWER LUX



Chance to choose the precise area to treat

Electrotherapy

Electrotherapy is mainly used for:

- Training of the neuromuscular system
- Modulation of pain
- Control or reduction of spasticity
- Transdermal release of medicinal substances
- Improvement or maintenance of joint mobility
- Promotion of wound healing
- Resolution of the edema



Therapic 9400 - TH1313



Therapic 9200 - TH1312

Waveform	Therapic 9200 Therapic 9400
Monophase	max 70 mA/70 V
Diphase	max 70 mA/70 V
Sync. Monophase	max 70 mA/70 V
Sync. Diphase	max 70 mA/70 V
Short period	max 70 mA/70 V
Long period	max 70 mA/70 V
Rectangular	max 100 mA/100 V
Exponential	max 100 mA/100 V
Triangular	max 100 mA/100 V
Traebert	max 100 mA/100 V
Rectangular faradic	max 80 mA/80 V
Modulated faradic	max 100 mA/100 V

Triangular neodynamic	max 80 mA/80 V
Neodynamic	max 80 mA/80 V
Tens	max 100 mA/100 V
Tens S/A/R	max 100 mA/100 V
Tens random S/A/R	max 100 mA/100 V
Tens burst S/A/R	max 100 mA/100 V
Biphasic S/A	max 100 mA/100 V
Galvanic	max 50 mA/50 V
Iontophoresis	max 50 mA/50 V
Kotz (Russian stimulation)	max 100 mA/100 V
Interferential	max 100 mA/100 V
Classic Interferential	max 100 mA/100 V
Isoplanar Interferential	max 100 mA/100 V
Vectorial Interferential	max 100 mA/100 V

Vacuumtherapy

Vacuum therapy uses the effect of vacuum associating an improvement in microcirculation, an anti-inflammatory and detoxifying action.

Vacuum therapy is ideal for the **treatment of all vascular diseases** affecting the lower limbs: arteriosclerosis, Buerger's disease, Raynaud's syndrome; and moreover of all the forms that involve venous and/or lymphatic insufficiency such as lymphedema and phlebolympheema.

Vacuumed can be connected to combined devices (Combined 2200-4000) and electrotherapy devices (Therapic 9200-9400) for combined treatments.



Vacuumed - VU1392



Technical features

Features	Therapic 9200	Therapic 9400
Operation	Constant Voltage Constant Current	Constant Voltage Constant Current
Peak power	100 V	100 V
Peak current	100 mA	100 mA
Independent output channels	2	4
Stored protocols	yes	yes
Storable protocols	200	200
Ultrasound and vacuumtherapy connection	yes	yes
Display	Graphic colour 320 x 240 px Touch & Scroll	Graphic colour 320 x 240 px Touch & Scroll
Dimensions - Weight	39 x 14 x 30 cm - 4,4 kg	39 x 14 x 30 cm - 4,4 kg

Supplied accessories	Therapic 9200	Therapic 9400
60x85 mm electrodes	4	8
Sponges for 60x85 mm electrodes	4	8
50x50 mm electrodes	4	8
Sponges for 50x50 mm electrodes	4	8
10 cm elastic band	2	4
6 cm elastic band	2	4

Features	Vacuumed
Operating temperatures range	(+110 : + 40) °C
Depression	(0 : 0,6) bar
Maximum pulses with full scale frequency	60 with minimum suction intensity 15 with maximum suction intensity
Output channels	2
Dimensions - Weight	31x11x35,5 cm - 6,4 kg

Supplied accessories	Vacuumed
Vacuum cups ø 60 mm	4
Vacuum sponges ø 60 mm	8
Link cable for vacuum-electrotherapy combined use	1

Combimed 4000



Electrotherapy

Electrotherapy exploits biological effects from electrical energy for therapeutic purposes and it is mainly used for:

- Training of the neuromuscular system
- Modulation of pain
- Control or reduction of spasticity
- Transdermal release of medicinal substances
- Improvement or maintenance of joint mobility
- Promotion of wound healing
- Resolution of the edema



Combimed 4000 - C01326



Ultrasound

The application of ultrasound results in a high-frequency cellular and intercellular massage action. Also the tissues irradiated with ultrasound enter into vibration, the result is an expenditure of energy with consequent production of heat. It also occurs the cavitation phenomenon that activates the oxidation and polymerization processes. Ultrasounds are mainly used for pain reduction.

The combined treatment, electrotherapy + ultrasound, adds the analgesic and hyperemic effect of the electrical stimulus to the mechanical and thermal effect of ultrasound.



Laser LLLT

Laser therapy is based on photochemical and photobiological effects in cells and tissues. Laser light stimulates the mitochondria of the cell, recharging it with energy and regenerating it in the case of traumatic situations.

- Anti-inflammatory effect
- Effects on the peripheral nervous system (antalgic and regenerative effect)
- Biostimulating effect and tissue regeneration
- Effect on microcirculation and on blood vessels: the laser improves local microcirculation giving relief from local spasms of the arteriolar and venular vessels
- Enzymatic photoactivation effect



Combimed 2200 - C01325

device features

☰ 3 + 1 technologies

Combined 4000 is a physiotherapy platform equipped with 3 technologies:
ultrasound+ electrotherapy + LLLT laser

Also compatible with Vacuumed vacuum therapy for an even more complete therapy.

🔊 Multitherapy mode

The **multitherapy protocols** use ultrasound, electrotherapy and laser therapy sequentially. In this way it is possible to take the maximum advantage of each technology and treat different pathologies effectively.



Combined mode

Electrotherapy and ultrasound can be used simultaneously in combined protocols.



Software with anatomical library

The software has been designed to be intuitive and functional. You can select the “free procedure” and set the desired parameters for the therapy or use **preset protocols** by selecting the anatomical area to be treated. Each protocol has an “Online help” that contain indications for an optimal treatment.



LSE Laser Safety Eyes patent

laser delivery starts only when the lens is brought closer to the skin, ensuring greater safety for the patient and the operator.



Automatic contact sensor

The ultrasound probe is equipped with a special sensor that ensures the correct contact for an optimal treatment.



Features	Combined 4000	Combined 2200
Technologies	electrotherapy - ultrasound - LLLT laser	electrotherapy - ultrasound
Compatibility with vacuumtherapy	yes	yes
ULTRASOUND - probe	multifrequency 1/3 Mhz	multifrequency 1/3 Mhz
ULTRASOUND - stored protocols	yes	yes
ELECTROTHERAPY - outputs	2	1
ELECTROTHERAPY - waveforms	32	25
ELECTROTHERAPY - stored protocols	yes	yes
LLLT LASER - wavelenght	905 nm	-
LLLT LASER - frequency	100-10.000 Hz	-
LLLT LASER - stored protocols	yes	-
US + ET combined protocols	yes	yes
Multitherapy protocols	yes	-
Display	colour touch screen 10.1"	320x240px colour Touch&Scroll
Dimensions - Weight	61x37x23 cm - 7 kg	45x30x14 cm - 7 kg

Supplied accessories	Combined 4000	Combined 2200
Ultrasound	1- 5 cm ² probe	1- 5 cm ² probe
Electrotherapy	4 - 50x50 mm electrodes 4 - 50x50 mm sponges for electrodes 4 - 60x85 mm electrodes 4 - 60x85 nm sponges for electrodes 2 - 60x5 cm elastic bands 2 - 100x5 cm elastic bands	4 - 50x50 mm electrodes 4 - 50x50 mm sponges for electrodes 4 - 60x85 mm electrodes 4 - 60x85 nm sponges for electrodes 2 - 60x5 cm elastic bands 2 - 100x5 cm elastic bands
LLLT Laser	1 100 mW probe 2 laser protective goggles 1 interlock	-

High power laser



Vikare 8 W - HL 1361

The high power laser is a very appreciated technology thanks to the excellent results that could be reached in a very short application time. The EME high power lasers of EME, thanks to the **high power** (from 8 W to 25 W), real and guaranteed by using a single diode, allow a high and deep energetic transfer, and consequently a substantial reduction in time of treatment.



Photomechanical action

The high laser energy impacts on the tissue surface generating real pressure pulses that reactivate the microcirculation and stimulate the deep lymphatic system. This leads to a consequent oxygenation of the tissues and reabsorption of the liquid accumulations.



Photochemical action

The energy absorbed by the chromophores in the tissues induces chemical modifications: structural modifications of the molecules and reactions that facilitate the enzymatic activation and the synthesis of nucleic acids and proteins.



Photothermal action

The electromagnetic energy is transformed into thermal energy inducing a controlled increase in the tissues temperature, with consequent stimulation of the circulation and increase in the supply of oxygen and nutrients to the suffering areas.



Continuous mode and pulsed mode

The EME high power lasers can work both in continuous mode or in "Duty Cycle" pulsed mode. The Duty Cycle allows to decrease the laser photothermal effect (which determines an increase in the local temperature). Treated tissues will cool rapidly, between one pulse and other, making more effective the biostimulation effect.



4 different spots in one probe thanks to the practical spacing system.



Low power laser



Lasermed 2200 - LT1372

Lasermed 2200 is a low power contact laser. It is ideal for **stimulating trigger points** or **treating locodolent areas**.

- Anti-inflammatory effect
- Effect on the peripheral nervous system (antalgic and regenerative effect)
- Biostimulating effect and tissue regeneration
- Effect on microcirculation and blood vessels
- Immunomodulating effect
- Effect of enzymatic photo-activation

LSE Laser Safety Eyes patent

Laser delivery starts only when the lens is brought closer to the skin, ensuring greater safety for the patient and the operator.

Automatic calculation of fluency

as a function of time and treatment area (joules/cm²).

Up to 800 mW of power and 2 independent channels

Two independent channels allow you to work with two probes of different powers and frequencies. It is also possible to connect different monodiode and multi-diode probes up to a maximum power of 800 mW.



Features	Lasermed 2200
Wavelength	905 nm
Frequency	200 - 10.000 Hz
Pulse duration	100 ns
Emission	continuous and pulsed
Output channel	2
Stored protocols	yes
Storable protocols	200
Display	Graphic colour - 320 x 240 px Touch & Scroll
Dimensions - Weight	39 x 14 x 30 cm - 4 kg

Supplied accessories	Lasermed 2200
100 mW laser probe	1
Laser protective goggles	2
Interlock	1

Features	PR999 4W	PR999 8W
Wavelength	808 nm + 940 nm	980 nm
Frequency	200 - 10.000 Hz	200 - 10.000 Hz
Power	2W + 2W	8W
Stored protocols	yes	yes
Storable protocols	200	200
Display	Graphic b/w 320 x 240 px	Graphic b/w 320 x 240 px
Dimensions - Weight	39 x 168 x 92 cm - 35 kg	39 x 168 x 92 cm - 35 kg

Supplied accessories	PR999 4 W - 8W
Laser protective goggles	2
Interlock	1

Features	Magnetomed 7200	Magnetomed 8400
Adjustable treatment frequency	1-100 Hz	1-100 Hz
Maximum induction for each applicator	100 Gauss	100 Gauss
Output channels	2	4
Stored protocols	yes	yes
Storable protocols	200	200
Display	Graphic colour 320 x 240 px Touch & Scroll	Graphic colour 320 x 240 px Touch & Scroll
Dimensions - Weight	39 x 14 x 30 cm - 3,5 kg	39 x 89 x 30 cm - 27 kg

Supplied accessories	Magnetomed 7200	Magnetomed 8400
Magnetic testing ring	1	1

Magnetotherapy

Magnetotherapy equipment generate a low-frequency magnetic field that improves **tissue regeneration**, especially bone tissues. The most commons indications are:

- Recent fractures and consolidation delays
- Pseudoarthrosis
- Sudeck's disease and osteoporosis
- Inflammatory and degenerative arthropathies
- Obliterative arteriopathy
- Bedsores
- Psoriasis

MFC System

The EME applicators, thanks to the innovative MFC shielding system, drastically reduce the magnetic induction produced outside. This ensures a greater safety for the operator.

W.I.S - Wood Injection System

Innovative and eco-friendly technology used to make solenoids. The robust, light and ecological wood is processed at high temperatures and pressed into special molds.



Magnetomed 8400 - MA1334



Magnetomed 7200 - MA1331



Pressotherapy



Pressomed 2900 - PR1380

The main therapeutic indications of EME equipment for **peristaltic pressomassage and veno-lymphatic drainage** are:

- Circulatory insufficiency
- Lymphatic stasis
- Hydro-lipo-dystrophy
- Lymphedema
- Edema
- Post-operative recovery
- Hypotony



Pressomed Evo - PR1382

Kit Point

Leg sleeves have independent sectors, overlapped like a "herring bone", by means of which the pressing push gradually overlap itself without leaving interspaces during the inflating

Express-mode deflation

It allows a quick and silent deflation of every sectors.

Warm up

Thanks to a general pre-inflation on all sectors at aprox. 30 mhg (+/-) the treatment can be quicked.

Total Body

It is possible to treat lower and upper limbs simultaneously (Pressomed Evo).



Ultrasound

The application of ultrasound results in a high-frequency cellular and intercellular massage action. The tissues irradiated with ultrasound also enter into vibration, resulting in energy expenditure and heat production. Moreover, the cavitation phenomenon occurs that activates the oxidation and polymerization processes. Ultrasound are mainly used for **pain reduction**.



Ultrasonic 1300 - US1321



Ultrasonic 1500 - US1322

Ultrasonic 1300 and 1500 can be connected to Therapic 9200 and 9400 electrotherapy devices for combined treatments.

)) Automatic contact sensor

The probes are equipped with a sensor that ensures the correct contact for optimal treatment.



Waterproof probes suitable for submerged treatments.



Radarthrapy

The microwave diathermy creates an **endogenous heat** in the treated tissues that is transmitted in the deep layers. The greatest warming occurs in tissues with a high water content such as muscles. Radar therapy is indicated in cases of muscle contractures, arthritis, post-traumatic pain, tendinitis, etc. The therapeutic effects of radar therapy are:

- Pain reduction
- Improvement of the extensibility of collagen
- Reduction of joint stiffness
- Reduction of inflammatory edemas and exudates
- Increase in blood flow



Circular antenna



Rectangular antenna



Three-dimensional antenna



Radarmed 2500 CP - RT1341

Features	Pressomed 2900	Pressomed Evo
Number of pneumatic sectors	9	12
Maximum pressure	150 mmHg	150 mmHg
Stored protocols	yes	yes
Storable protocols	100	100 + USB
Display	Graphic colour 320 x 240 px Touch & Scroll	Graphic colour 8" Touch Screen
Dimensions - Weight	39 x 89 x 30 cm - 30 kg	39 x 89 x 30 cm - 25 kg

Features	Ultrasonic 1300	Ultrasonic 1500
Frequency	1/3 MHz	1/3 MHz
Output channels	1	2 independent
Peak power in continuous mode	2 W/cm ²	2 W/cm ²
Peak power in pulsed mode	3 W/cm ²	3 W/cm ²
Duty Cycle	10-100 %	10-100 %
Stored protocols	yes	yes
Storable protocols	200	200
Display	Graphic colour 320 x 240 px Touch & Scroll	Graphic colour 320 x 240 px Touch & Scroll
Dimensions - Weight	39 x 14 x 30 cm - 3,6 kg	39 x 14 x 30 cm - 4 kg

Supplied accessories	Ultrasonic 1300	Ultrasonic 1500
1/3 MHz 5 cm ² probe	1	2

Features	Radarmed 2500 CP
Pulsed peak power	1600 W
Continuous peak power	250 W
Stored protocols	yes
Storable protocols	200
Display	Graphic colour 320x240 px Touch & Scroll
Dimensions - Weight	39 x 89 x 30 cm - 40 kg

Supplied accessories	Radarmed 2500 CP
Orthostatic pantograph arm	1
Circular antenna	1

The choice of the power and consequently of the energy to work with depends on the effect to be obtained and the pathology to be treated.



Athermy < 37°

Used to obtain an almost immediate analgesic effect. It's ideal when the area to be treated is inflamed and/or swollen.



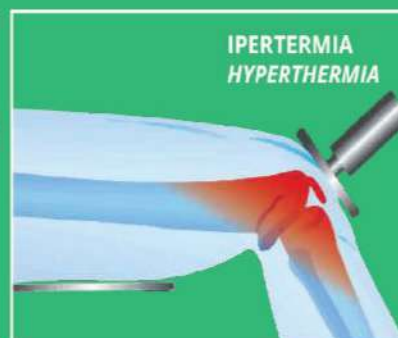
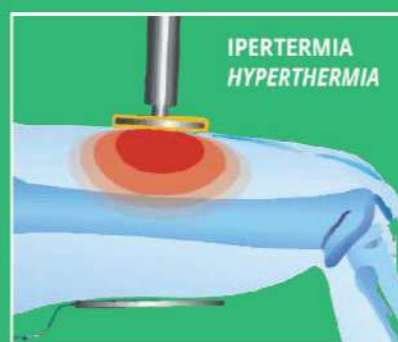
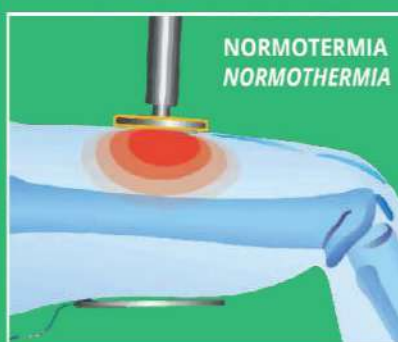
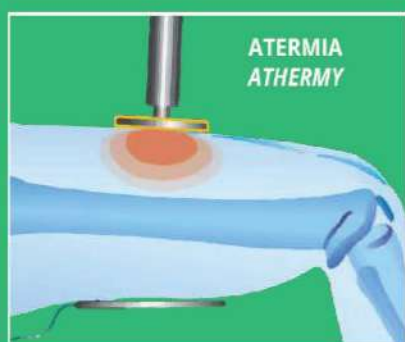
Normothermia 37°- 39°

Used to obtain strong biostimulation, micro-hyperemia and an increase in microcirculation.



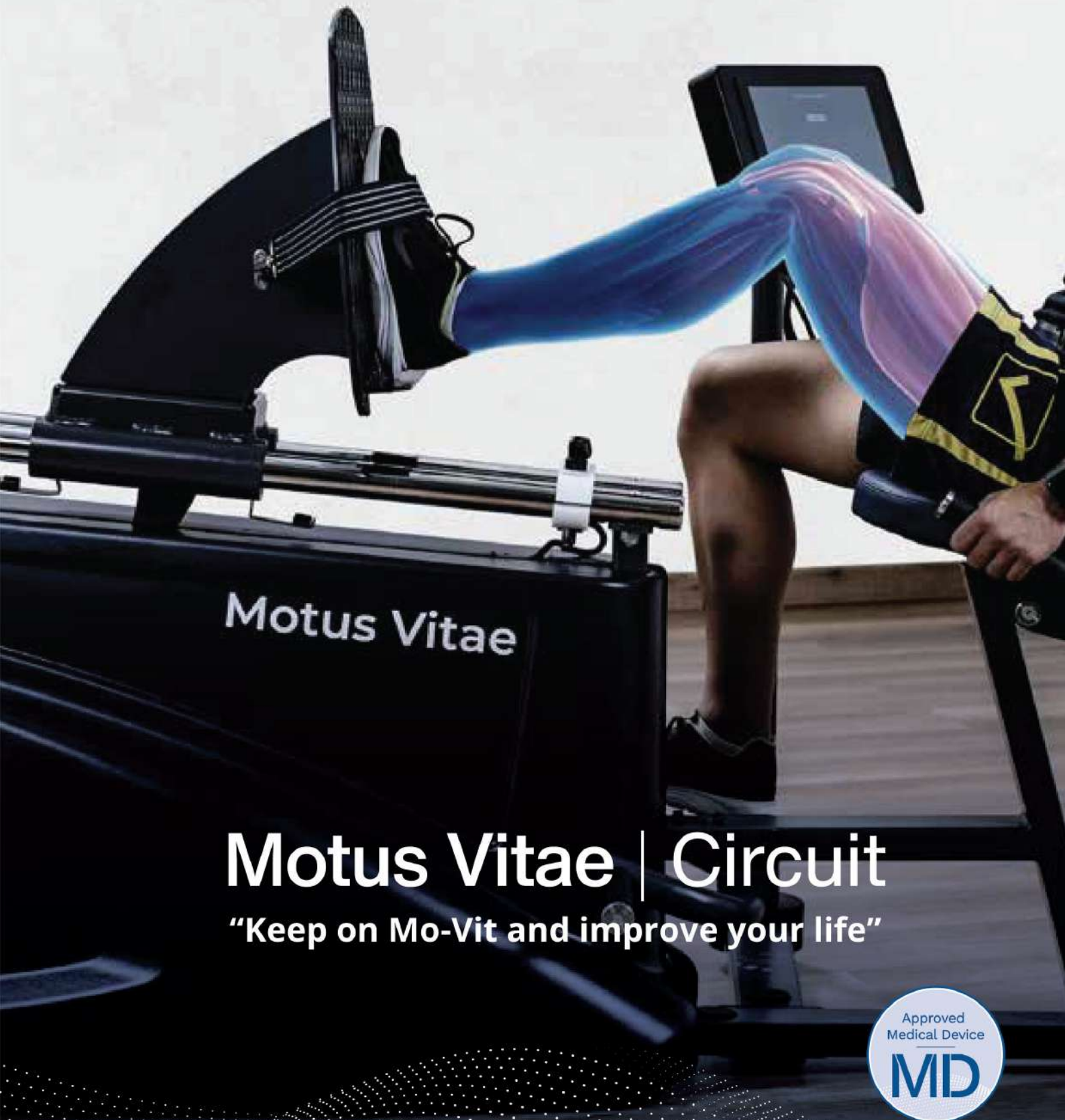
Hyperthermia > 39°

Used to obtain an improvement of muscular trophism, due to the increase of both superficial and deep vascularization.



EMIE[®] ITALY

Improving people's lives



Motus Vitae | Circuit

"Keep on Mo-Vit and improve your life"

Approved
Medical Device

MD

The circuit



A new concept to meet,
as no one has ever done
before, the needs of
functional rehabilitation
and the recovery of people
with reduced mobility.

Motus Vitae, "movement is life", represents a
real turning point in functional rehabilitation.

A system that uses **6 types of movement** to
improve life at **360 degrees**. A circuit composed
of **devices** governed by the **latest generation**
of software and hardware, able to help patients
with **low motor skills** or in cases where motor
deficit is caused by trauma or diseases, to reco-
ver their initial state, while on elderly patients
it allows to contrast the **natural physiological
decay** and to exploit the **benefits** deriving from
the motion for a **better quality of life**.



EME[®] ITALY

P O L Y T E R E V O

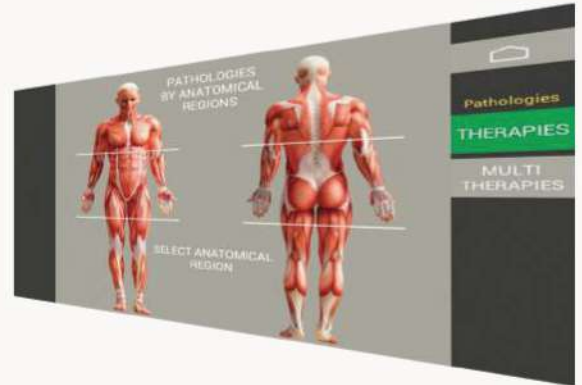
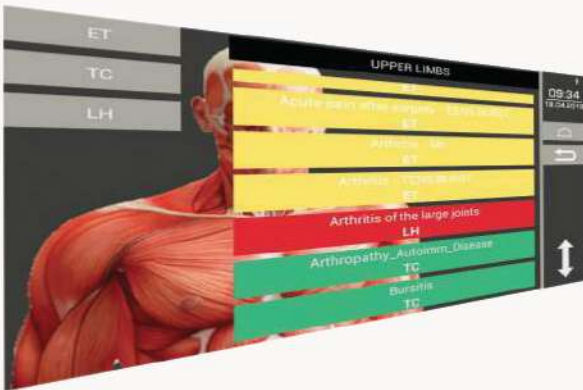
A physiotherapy clinic at your fingertips!



MADE IN ITALY

The first portable modular device

The combination of cutting-edge technologies and trasportability make this device unique and multifunctional. The heart of Polyter Evo has been developed reducing size and weight of electronics. The simple and user-friendly software has been designed using all the features and graphics capabilities of the latest operating systems.



Design Made in Italy

Safety lock

Secure-lock aluminum telescopic handle

Rechargeable battery with 3-4 hours autonomy

Extremely impact resistant

Easily portable

Soft-touch antislip rubber



Polyter Evo PE0316

**TECAR - HPLS LASER - LLLT LASER
ELECTROTHERAPY - MAGNETOTHERAPY
ULTRASOUND**

The innovative expandable modular device

Polyter Evo is a versatile device that can be implemented according to your needs. It's an "alive" equipment thanks to the possibility to expand it with new modules at any time in complete autonomy. The innovative concept of expandable modularity allows you to combine one or more of the following technologies in only one case:



Software with anatomical library

The Polyter Evo software has been designed to be intuitive and functional. You can select the "free procedure" and set the desired parameters for the therapy or use preset protocols by selecting the anatomical area to be treated.

Combined modality

Electrotherapy and **ultrasound** can be used simultaneously in combined protocols.

Multitherapy modality

Polyter Evo has **more than 100 multitherapy preset protocols** to use ultrasound, electrotherapy, magnetotherapy and laser in a sequential way. This allows to take the maximum advantage from the versatility of all technologies and treat different pathologies effectively.

A physiotherapy clinic at your fingertips!

SPORTS THERAPY

Polyter Evo is lightweight, portable and it's battery-powered. It can be used before competitions or trainings, ensuring a great preparation for a better performance at high levels. Using it, after trainings or competitions, allows a faster recovery from strain and traumatic events allowing the therapist to handle injuries immediately.



THERAPY IN THE CLINIC

Polyter Evo is the ideal solution also for clinics that prefer combined devices for space and convenience reasons, or for clinics with many workstations.





AN EVEN MORE COMPLETE TECAR SYSTEM

▪ **Ergonomic probes**

*The new tecar massaging probes are ergonomic and easy to be handled and allow the therapist to **combine instrumental and manual therapy**.*

▪ **Bipolar probes**

The bipolar applicators are used without the steel plate allowing a greater freedom of movement. The treatment has a localized action, characterized by less dispersion and depth. It's ideal for sports therapy and physio-aesthetics.

▪ **Therapy in movement**

*The adhesive return plates allow to perform **treatments in movement** with absolute safety and practicality.*



“

Tomasz Pieczko, physiotherapist of Polish Male National Volleyball team

The more evident advantages of EME equipment are certainly to be found in its practical use and its portability. We have different machines in one single modular case and this makes a huge difference during our long travels around the world. We are a professional volleyball team and we have to care about our health and our bodies, especially when we play various games in a row and compete in the biggest tournaments. Our athletes need to recover as quickly as possible. For this reason, having different technologies at our disposal for us means always having the best on every occasion.

”



Benoît Cosnefroy, AG2R LA MONDIALE



José Gonçalves, Team Katusha Alpecin



Christophe Laporte, Cofidis Solutions Crédits



Jens Keukeleire, Lotto Soudal

@Facepeeters Photography



Oliwia Bałuk, Polish Female National Volleyball Team



Federazione Sammarinese Giuoco Calcio

Build your own ideal device!

LL

LOW POWER LASER MODULE

- 1 channel
- Frequency from 100 Hz to 10.000 Hz
- Continuous or pulsed emission mode
- Automatic calculation of the fluence (1/3 MHz Probe, 5 cm²)
- Generator capable of controlling single-diode or multi-diode probes
- Wavelength: 905 nm

TC

TECAR MODULE

- Capacitive/resistive mode
- Power up to 200 W
- Continuous and pulsed emission mode
- Atherymy, hyperthermia, homoeothermy

MG

MAGNETOTHERAPY MODULE

- 1 channel
- Power up to 100 Gauss
- Frequency up to 100 Hz
- Continuous or pulsed emission mode

HL

HIGH POWER LASER MODULE

- Maximum power 4 W
- Frequency from 100 Hz to 10.000 Hz
- Continuous or pulsed emission mode
- Wavelength: 980 nm

US

ULTRASOUND MODULE

- 1 channel
- 1/3 MHz multifrequency head with integrated contact sensor
- Continuous or pulsed emission mode

ET

ELECTROTHERAPY MODULE

- 25 waveforms: low and medium frequency
- 2 independent outputs
- Operation: constant voltage, constant current

TECHNICAL SPECIFICATIONS

Display

Graphic colour 7" touch screen

Dimensions

61 x 37 x 23 cm

Polyter Evo ET+US+MG+LL weight

about 14 Kg

LOW POWER LASER MODULE

Laser probe 25 mW	1
Protective laser goggles	1
Interlock	1

TECAR MODULE

Applicator for resistive electrodes	1
Resistive electrodes Ø 30-50-70 mm	3
Applicator for capacitive electrodes	1
Capacitive electrodes Ø 30-50-70 mm	3
Steel plate	1

ULTRASOUND MODULE

1/3 MHz Probe, 5 cm ²	1
----------------------------------	---

HIGH POWER LASER MODULE

Defocused laser probe with optical fiber	1
Foot pedal	1
3 poles interlock	1

ELECTROTHERAPY MODULE

Output cable with 2 channels (2 mm)	1
Rubber electrodes 50x50 mm	4
Sponge covers 50x50 mm	4
Rubber electrodes 60x85 mm	4
Sponge covers 60x85 mm	4
Stretch band 1000x50 mm	2
Stretch band 600x50 mm	2

MAGNETOTHERAPY MODULE

Magnet to check the emission of the magnetic field	1
Pair of applicators	1
Stretch band 1000x50 mm	2

SRN01-II

Medical Cold Therapy System



Production Introduction

Cold compression is commonly used in clinic, the scientific local cold compression on the traumatic tissue can effectively avoid the swelling, reduce hematoma and pain, thus speeding up the period of recovery.

SRN01-II Medical Cold Therapy System is designed according to human anatomy, Cold compression on specific spots can minimize the hematoma, edema and pain of the injured sites. So it is the ideal cold therapy device for postoperative recovery and sport injuries.

Effective cold compression can reduce hematoma and pain

Cold compression can make the capillaries shrink, restrict the blood flow to local sites, relieve contrafluxion, avoid inflammation, suppuration scattering, thus decreasing the sensitivity of the nerve endings and alleviating pain, Quick and effective cold compression can effectively control the swelling of the injured site

Rehabilitation Devices

Application sites

The cold compression wraps can be applied to the following sites:



Specifications

Code	Product description
I -SH	Shoulder Wrap
I -EL	Elbow Wrap
I -RB	Rib Wrap
I -HW	Wrist Wrap
I -TH	Thigh Wrap
I -KN	Knee Wrap
I -CA	Calf Wrap
I -AN	Ankle Wrap
I -CTU	Ice Bucket

Certification:



within 4–6 hours, shortening the period of recovery. It has special therapeutic and rehabilitation effect on local soft tissue injuries, bone fracture, bone and joints injuries and postoperative pain.

User-friendly and Easy to operate

- ① Put ice and water into the water container of the host machine, put the lid on, switch on the power, wait till the host machine starts and into the standby mode.
- ② put the cold compression wrap around the site that requires cold compression, connect the quick disconnect couplings with the couplings from the host machine.
- ③ Set the time of cold compression and cold compression mode, and then start it.
- ④ When cold compression is over, the host machine will emit a beep and switch off.
- ⑤ When the water temperature increases, put right ammount of ice and water into the water container of the host machine to guarantee the excellent cold compression effects.





Feel better naturally



Flexistim

The Flexistim features 4 therapeutic modes: TENS for pain relief, EMS for muscular training, MIC for wound healing and IFT for relief of intractable pain.

TENS: back pain, osteoarthritis, rheumatoid arthritis, osteoporosis and spondylitis.

EMS: muscle rebuilding and toning, neuromuscular facilitation, muscle re-education, muscle training.

IFT: ankylosing spondylitis, reduction in bruising and swelling, postoperative pain, epicondylitis, carpal tunnel and plantar fasciitis, constipation.

MIC: gentle stimulation for tissue healing process and pain relief.

K-FLEXM

PRODUCT CODE

Li-ion 3.7V

POWER SUPPLY

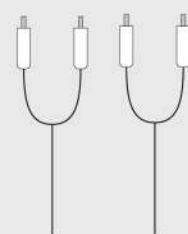
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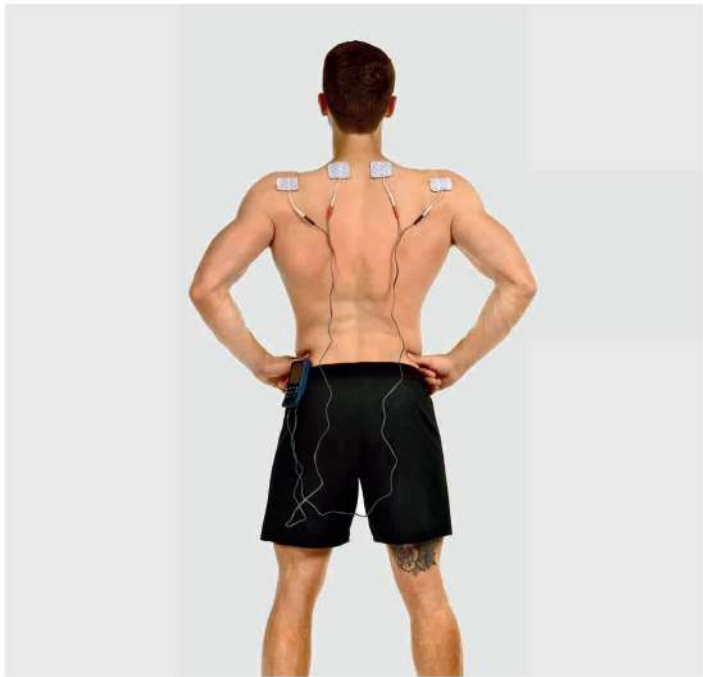
Device



Electrode pads



Leads



- 2 independent channels with 4 electrode pads to treat 2 areas at the same time
- 10 preset TENS, 27 preset EMS, 3 preset IFT and 3 preset MIC programmes
- 2 manual TENS, 6 manual EMS, 1 manual IFT, 1 manual MIC programmes that can be defined to experiment and save preferred settings
- Comfortable stimulation with small steps of intensity and the EMS programmes have 3 phases
- Option to operate the unit through external mains power adaptor
- History of daily usage by programme and by time (up to 90 days of usage)

TENS: 80 IFT: 60
EMS: 99 MIC: 700 μ A

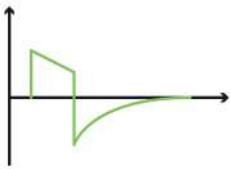
AMPLITUDE (mA)

TENS: 2 - 150 IFT: 2 - 160
EMS: 10 - 120 MIC: 0.5 - 50

FREQUENCY (Hz)

TENS: 50 - 300 IFT: 125
EMS: 100 - 350 MIC: 10 - 999 ms

PULSE WIDTH (μ s)



WAVEFORM

123 x 61 x 22

DIMENSIONS (mm)

130

WEIGHT (g)



UK & EU plug



Charger + battery



Perfect EMS

The perfect EMS unit provides muscle toning, shaping and rehabilitation through EMS, with additional pain relief programmes using TENS to relieve pain from injuries and muscle strain.

Muscle wastage: neuromuscular facilitation, muscle re-education, muscle training, prevention/slowing of atrophy/hypotrophy and reduction of spasticity.

Sports training: warm up, strength, speed, power, resistance, endurance and recovery.

Beauty applications: reduction in the appearance of wrinkles and cellulite.

K-PEMS

PRODUCT CODE

2 x AA

POWER SUPPLY

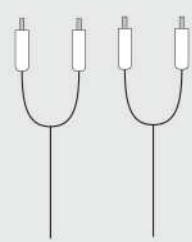
CONTENTS:



Device



Electrode pads



Leads



- 2 independent channels with 4 electrode pads to treat 2 areas at the same time
- 6 preset EMS programmes including warm up, endurance, power and bulk
- 2 manual TENS and 2 manual EMS programmes that can be defined to experiment and save preferred settings
- Comfortable stimulation with 90 small steps of intensity
- Memory functions saving the number of uses and time of usage
- Programme retention (automatically starts in the last programme used)

90 (Max)

AMPLITUDE (mA)

TENS: 1 - 120

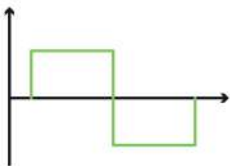
EMS: 1 - 80

FREQUENCY (Hz)

TENS: 50 - 250

EMS: 50 - 350

PULSE WIDTH (µs)



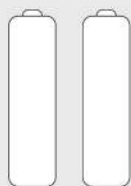
WAVEFORM

120 x 60 x 20

DIMENSIONS (mm)

120

WEIGHT (g)



AA battery



Perfect TENS

The perfect TENS unit is specifically designed to provide safe and effective pain relief in the comfort of your own home.

It can help manage the pain from a wide range of conditions.

Chronic pain: back pain, arthritis, rheumatic pain, lumbago, hip pain, osteoarthritic pain in the knee and sciatica central pain.

Musculoskeletal pain: fibromyalgia, falls, sprains, direct blows to muscles and auto accidents.

Acute pain: Dental and facial pain, neck pain, postoperative pain, migraine and neuralgias.

K-PERFECT

PRODUCT CODE

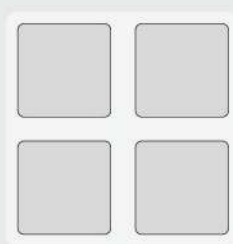
2 x AA

POWER SUPPLY

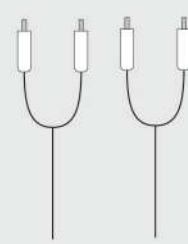
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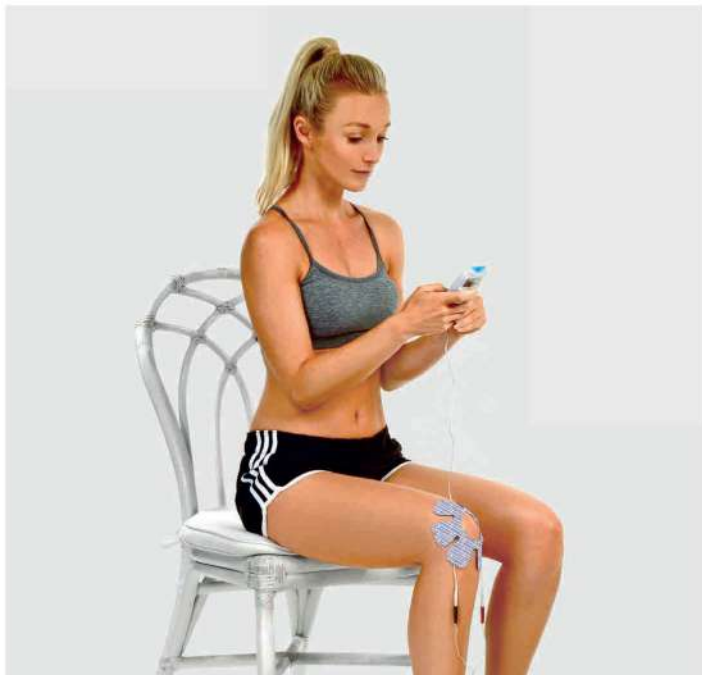
Device



Electrode pads



Leads



- 2 independent channels with 4 electrode pads to treat 2 areas at the same time
- 8 preset TENS programmes including burst, constant, modulation modes and HAN Stimulation
- 1 manual programme that can be defined to experiment and save preferred settings
- Comfortable stimulation with 60 small steps of intensity
- Memory functions saving the number of uses and time of usage
- Programme retention (automatically starts in the last programme used)

60 (Max)

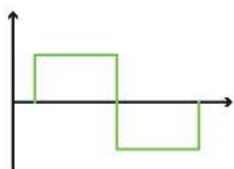
AMPLITUDE (mA)

2 - 150

FREQUENCY (Hz)

50 - 250

PULSE WIDTH (μ s)



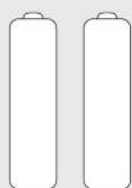
WAVEFORM

120 x 60 x 20

DIMENSIONS (mm)

120

WEIGHT (g)



AA battery

Kegel Toner

The Kegel Toner is a powered muscle stimulator used for strengthening the pelvic floor muscles.

It provides relief from urinary stress incontinence and/or faecal incontinence.

Kegel Toner can also be used to rehabilitate the pelvic floor muscles after childbirth. Most women need to rehabilitate their pelvic floor muscles after childbirth, and/or suffer from mild bladder leakage (occurs when coughing, laughing, sneezing, exercising...).

Additionally, it may help improve sexual intimacy by toning the pelvic floor muscles.

Maintenance of pelvic floor strength: like any other muscles, the pelvic floor will weaken over time, it is important to exercise these muscles regularly to avoid bladder leakage in the future.



K-KT

PRODUCT CODE

2 x AA 1.5V

POWER SUPPLY

CONTENTS:



Device



Probe



Lead

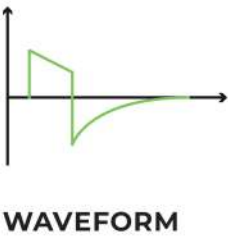


- Single channel unit to provide relief from symptoms of all types of incontinence via a tampon-shaped probe
- 2 preset programmes, train to strenghten weak muscles and a tone aftercare programme
- Comfortable stimulation with small steps of intensity, 1 mA per step
- Automatically resets the strength to zero and flashes 'LEADS' if the connection comes loose
- Memory functions saving the number of uses and time of usage
- Programme retention (automatically starts in the last programme used)

99 (Max)
AMPLITUDE (mA)

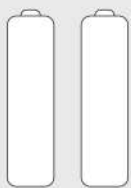
35 - 50
FREQUENCY (Hz)

250 - 300
PULSE WIDTH (µs)



120 x 60 x 20
DIMENSIONS (mm)

115
WEIGHT (g)



AA battery



LEMCO COMBI BIKE PLUS

LEMCO
Combi Bike⁺

Exercise bike for training and rehabilitation

To be used from a chair / wheelchair



LEMCO Rehab & Fysio

LEMCO COMBI BIKE PLUS



WHAT IS A LEMCO COMBI BIKE PLUS ?

LEMCO Combi Bike Plus is an innovative and effective exercise bike that ensures that even those who cannot use regular exercise bikes can experience the beneficial effects of exercise. Daily exercise ensures healthy movement and can provide for longer walking distances after rehabilitation.

Starting and ending each day with exercise is particularly important for people who have limited motion, such as wheelchair users and people with reduced walking distance. The exercise stimulates blood circulation and thereby reduces the risk of blood clots in the legs. It will also lead to increased strength in the legs which will in turn result in an ability to walk longer distances. Enhanced circulation is an additional benefit.

WHY IT WORKS SO WELL ?

It works so well because it is **uncomplicated, efficient, and because it makes use of our unique BEAT® Technology** that allows people with severe disabilities to train successfully - people who often have lost confidence in actively moving their legs. The bike is simple and easy to use for both therapists and users.

LEMCO Combi Bike Plus has a built-in **Bio Energy Accumulating** technology, which makes this bike unique and useable for 99% of the target group. The technology ensures that the energy added to the pedals and handles during training is accumulated in the bike, which ensure a smooth rotation. The bike is therefore exceptionally easy to operate even for people with severe disabilities, such as neurological diseases and partial paralysis, and even for people who cannot take a single step.

WHO WOULD CHOOSE A LEMCO COMBI BIKE PLUS ?

LEMCO Combi Bike is chosen by both institutions, Rehab centers and individuals alike.

Our many years in the industry have given us extensive experience with training solutions that also include motorized training bikes. An important aspect to this is that about 98% of the people who previously chose the motorized solution can achieve a greater results by choosing LEMCO Combi Bike Plus, and at the same time achieve a significant financial saving.

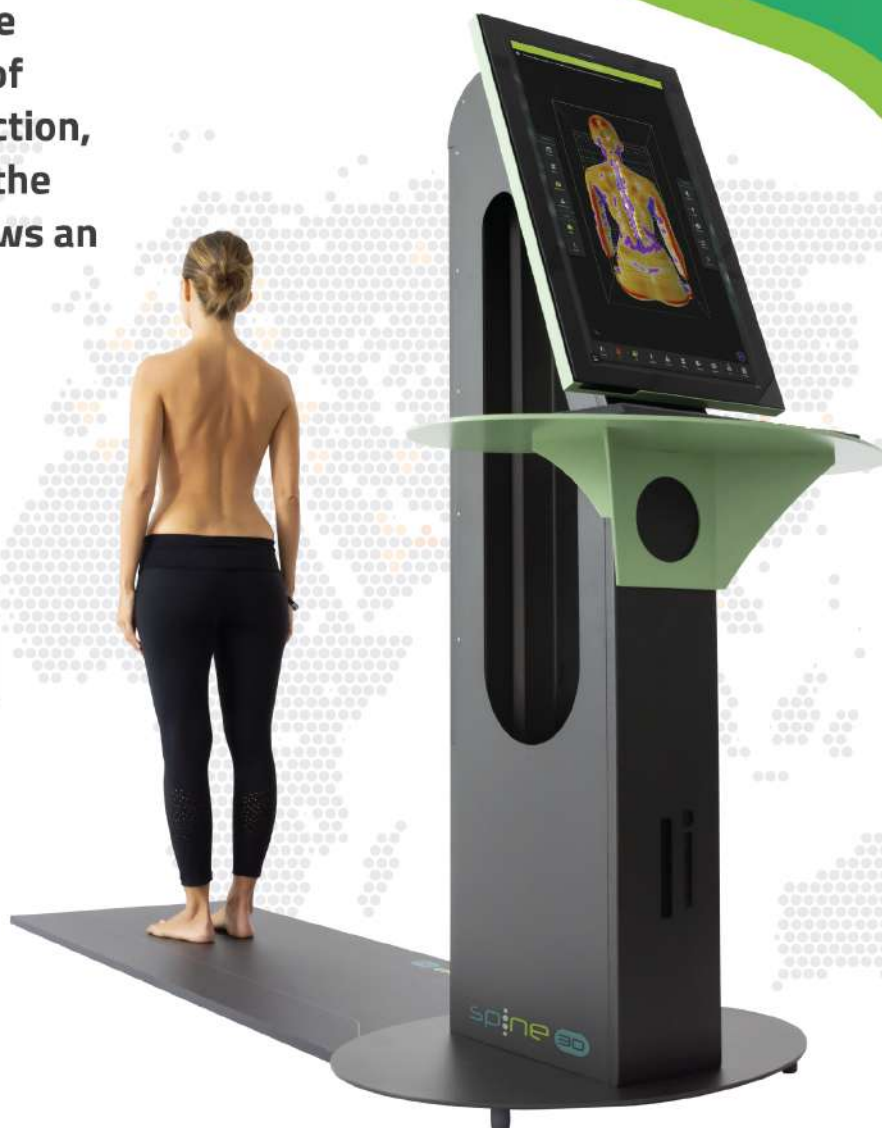


spine 3D

Spine 3D is an innovative optoelectronic system, of three-dimensional detection, totally non-invasive, of the spine and back that allows an accurate evaluation of vertebral diseases and postural changes.



CERTIFICATIONS



**www.sensormedica.com
info@sensormedica.com**



Spine 3D™

TECHNICAL FEATURES

PHYSICAL DATA

- Dimensions: 165x63x76 cm
- Weight: 47 Kg

ELECTRICAL DATA

- Power supply: 100-240 V, 50/60 Hz

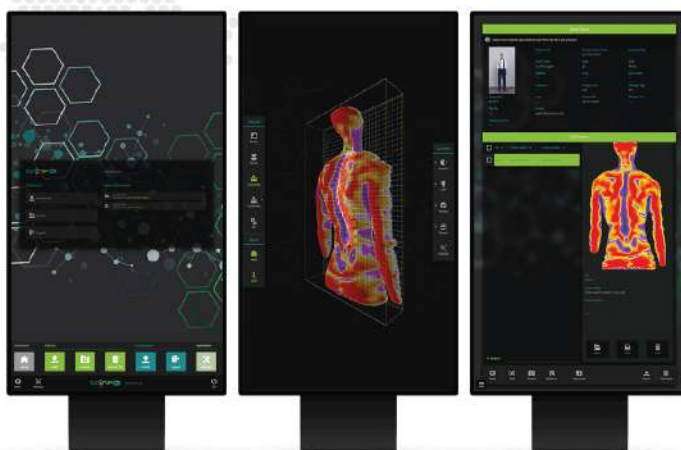
TECHNICAL FEATURES

- Aluminium structure
- Motorized column with joystick
- Touch screen 27"
- Resolution: 1920x1080
- Format: 16:9
- Orientation: vertical
- 3D scanner
- Depth technology: Time-of-Flight (ToF)
- Operating range of measures: from 1 to 2 m

SOFTWARE

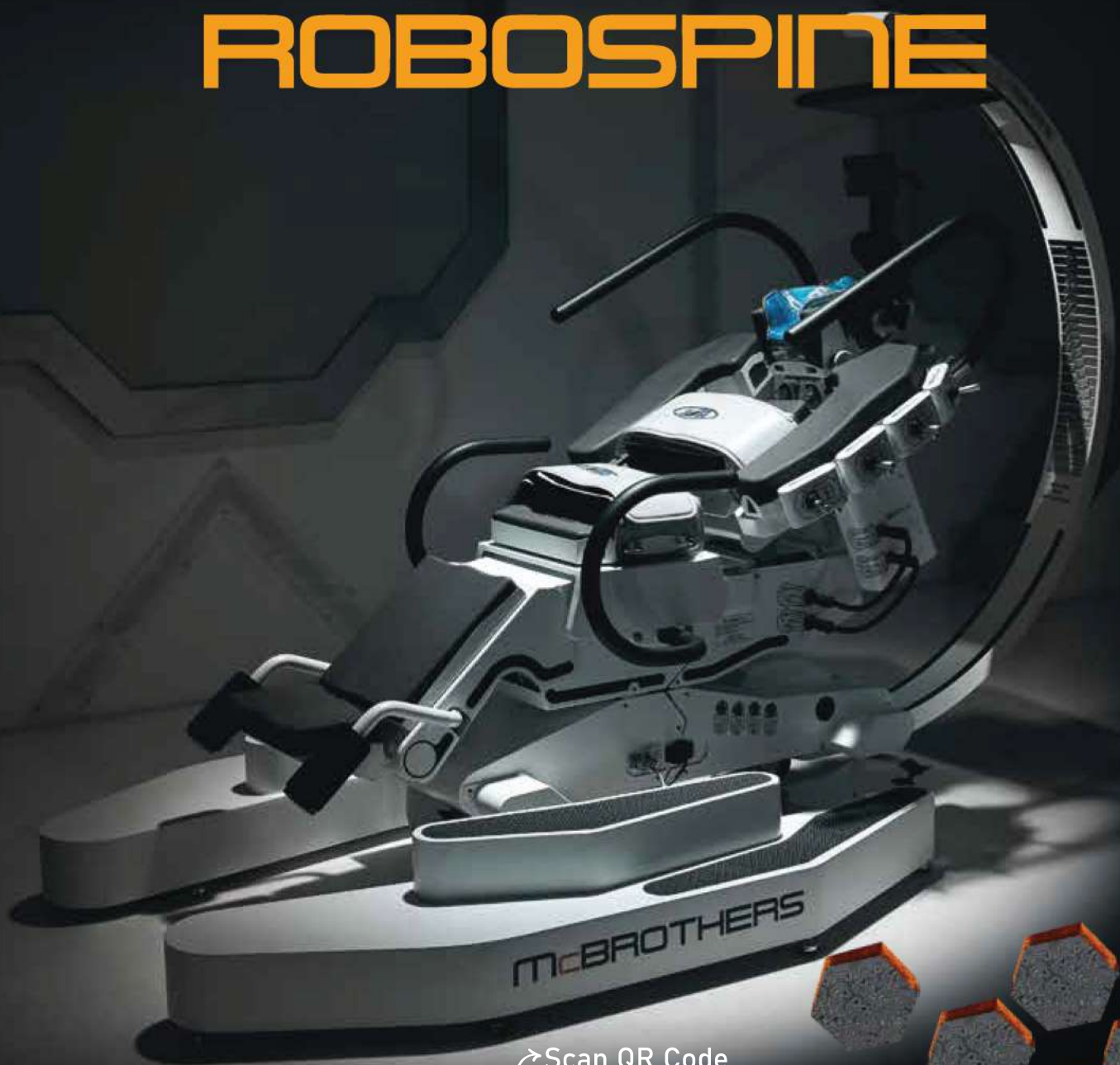
The analysis is performed by placing the patient 110 cm away from the camera. Acquisition is very fast, (less than 5 seconds) and the patient should remain in the natural position with relaxed arms along the sides. The back must be naked and that the furrow of the intergluteal must be visible. The main data that the software offers are:

- Length, inclination and imbalance of the column along the coronal, sagittal and transverse planes.
- Vertebral deviation and rotation
- Cervical and lumbar arrow
- Gross and kyphosis angle and depth
- Inclination and elevation of shoulders and pelvis





McBROTHERS ROBOSPINE



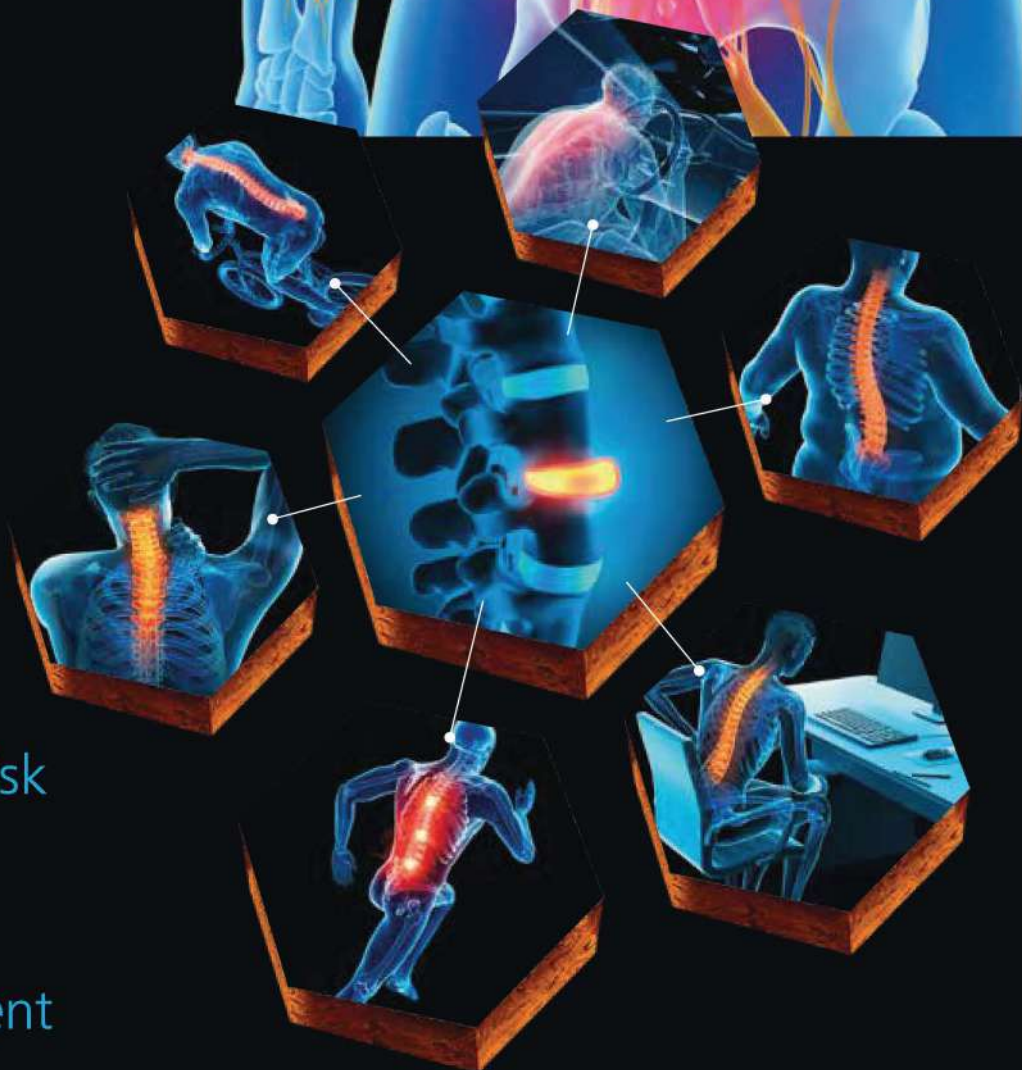
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ROBOTICS CURE SYSTEM

For

- ◇ Herniated Disk
- ◇ Sciatica
- ◇ Bulging Disk
- ◇ Numbness
- ◇ Tingling
- ◇ Pinched Nerve
- ◇ Hip/Leg pain
- ◇ Burning
- ◇ Spinal Stenosis
- ◇ Scoliosis
- ◇ Degenerative Disk
- ◇ Anti-gravity
- ◇ Pain Management





AUTO AIR WRAPBELT CONTROL



MANUAL CONTROL SYSTEM



TOUCH-SCREEN MONITOR



4-WAY SACRUM PART



4-WAY TILTING LUMBAR PART



3D SERVICAL PART



AUTO AIR WRAP BELT CONTROL



PATIENT MONITOR SYSTEM



VOICE GUIDE



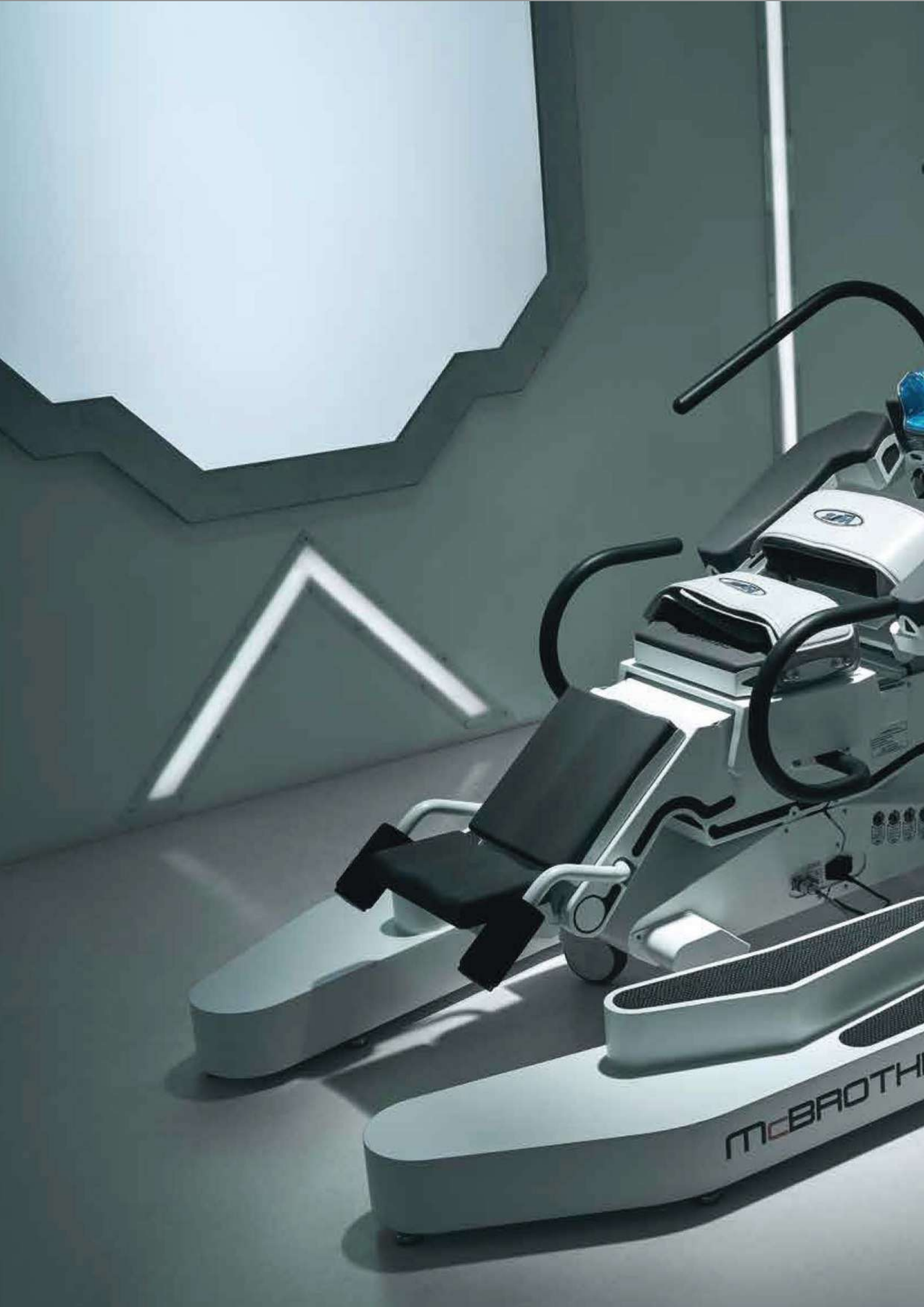
AUTOMATIC SAFETY SYSTEM



PERSONAL PROGRAMS



HORIZONTAL POSITION



McBROTH



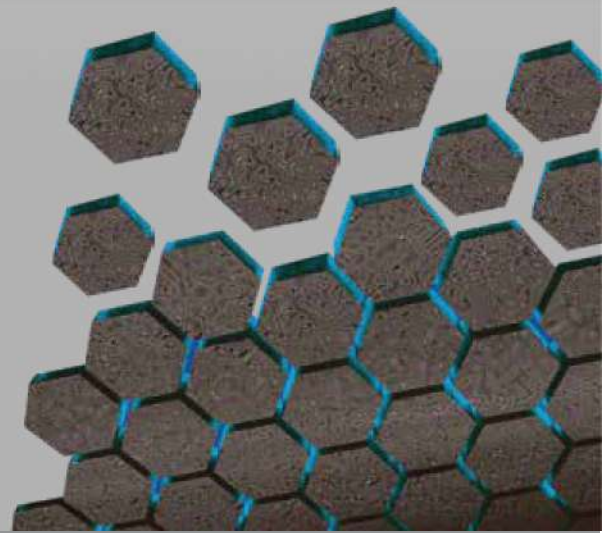
ERS

M. BROTHERS





McBROTHERS AQUALINE



• THERAPY •

Wide medical application due to a large selection of programs for physiotherapy and rehabilitation.

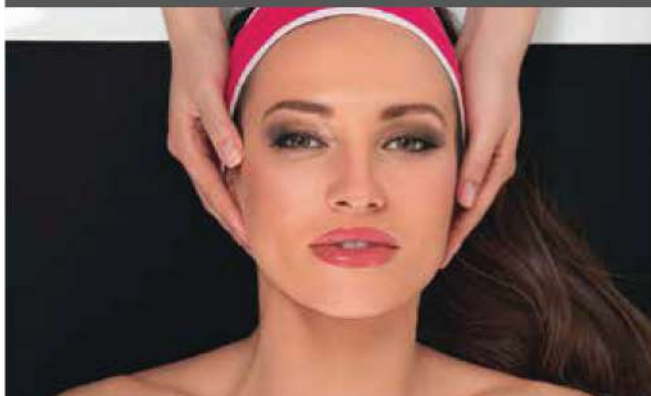
Specially designed programs to alleviate chronic pain, relieve tension from the joints and muscles. Will allow to expand the list of services of any medical resort or complex involving additional specialists.



• BEAUTY

Complex programs for beauty salons and aesthetic medicine clinics.

Attracting an additional flow of customers through exclusive comprehensive services. Maintenance of classical procedures by hydro-massage, which activates lymph and restores blood circulation.



• CORPORATE •

A unique emotional unloading room for a company that cares about the health of its employees.

Special programs will help relieve tension after lengthy negotiations, get of back pain due to sedentary work and release consciousness after hard working days.



• FITNESS

A unique solution for any fitness club.

A quick and effective hydromassage will allow your customers to quickly switch to everyday rhythm after a grueling workout. Accelerate the withdrawal of lactic acid, will massage muscles of the back and legs.



• RELAX •

Efficient and quick way to immerse the client in a state of rest or sleep.

You can customize individual programs for complex procedures with the effect of floatation or light hydromassage. Your clients will receive an incomparable experience of complete relaxation.



The Dry Hydromassage System

Helps to relax muscles, accelerate metabolism, expand large vessels, thus stimulating blood circulation.

Used as an alternative therapy for patients with nervous excitability and chronic back and leg pain.

Features

During the procedure of non-contact hydromassage, all the advantages of classical water massage with specialist are preserved.

- General relaxation of the muscles, which leads to deliverance a feeling of discomfort and pain
- Improve blood circulation, which results in oxygen saturation and improved nutrition of body cells.
- Activation of all metabolism processes
- Restoration of venous circulation and lymphatic outflow, which eliminates swelling and removes toxins and toxins from the body.
- Total relaxation and recovery of the psychoemotional state

20 automatic programs



McBROTHERS

Tel. + 41 76 805 44 44
E-mail: office@mcbrothers.com
SWISSSPINESOLUTION.COM
Switzerland



Right here, right now!

- 20 automatic programs
- Intuitive interface
- 10,2" touch-screen monitor
- Manual control (optionally)



Only you!



You can choose:

- Time
- Temperature (up to 60 °C)
- Type of massage
- 6 levels of water pressure

Forget about!

- Undressing
- Oil
- Shower
after massage





The Whole Rehabilitation Project System Solutions



Service Hotline: 400-6086-168

Guangzhou Yikang Medical Equipment Industrial Co., Ltd
web:<http://www.yikangmedical.com>

Huazi Industrial Park Qinghe Road, Shilou Town, Panyu District,
Guangzhou City Guangdong Province, P. R. China Zip code:511447

The recommended products of “TCM diagnosis and treatment equipment” by the state administration of traditional Chinese medicine



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PRODUCT INTRODUCTION

Adaptation diseases: Early term rehabilitation training, Imperfect walk and motion, lack of motion, multiple sclerosis, rheumatism, cardiomyopathy, arthritis, deformity, parkinsonism, paralysis, lump, edema, dialysis, amyotrophy etc., and more emphasize on patients' early rehabilitation training.

Lower limb intelligent feedback & training system can make the patients lower limb move while in the standing training, high simulation to simulate the normal gait walking.

If spasms occur in the treatment, the intelligent feedback training system for lower limbs can immediately detect and start the anti-spasm function, which increasing the safety during the treatment.

FUNCTION AND CHARACTERISTICS

Strong compatibility: Set and train each leg independently, universal footboard makes it suitable for the valgus and varus, uneven leg length. The spring which under the universal footboard can afford physiological load.



TREATMENT FUNCTION

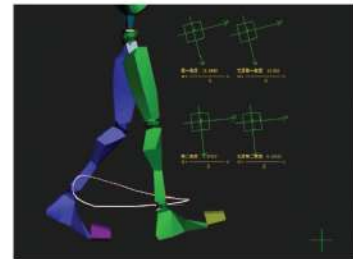
Promote blood circulation, to maintain and improve range of motion, increase muscle strength and endurance.

Promote the formation of compensatory function.

Promote organ metabolism, improve heart and lung function.

Improve the ability to regulate the nervous system, can maintain and improve the excitability of the nervous system through sports training, flexibility and coordination.

Enhanced metabolic function of the endocrine system, such as the promotion of glucose metabolism, increasing the absorption of minerals in bone tissue.



Gait control – using servo motor to control system, the movement of the process included velocity, acceleration, deceleration, imitate the normal physiological gait effectively.



0–80° standing angle range combines with lower limb active—passive pedal that can achieve training step by step, prevent postural hypotension and improve cardiovascular regulation ability.

Standing in different angle clinostatism.

Stand under different Angle of recumbent position.

Make the patient who has no standing ability walking in the clinostatism condition.

Walking in deweighting condition to prevent spasticity occur.

Professional suspension belt, which reduce patients' upper body weight.



Step movement under biological load, strengthen the body sense of stimulation for the lower limbs, increase the input of proprioceptive sensation, and promote the growth of synapses.



The vertical state, the lower limb movement and the load of organic combination.

Support and promote patient movement.

Stimulating cardiovascular system.

Enhanced afferent sensory stimulation.

A large number of repetitive physical activities can reduce some patient's muscle spasticity.

Can reduce the harm caused by non exercise which cause the secondary complications.

Can improve the human vegetable's sensitivity.

Reduce the labor intensity for the therapist
Convenient operation.

The recommended products of "TCM diagnosis and treatment equipment" by the state administration of traditional Chinese medicine



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PRODUCT INTRODUCTION

A large number of studies show that stroke, severe brain injury or other neurological diseases can easily lead to upper limb dysfunction or defects, clear treatment tasks will improve patients upper limb function effectively, A2 is based on the theory of rehabilitation medicine, human robot cooperative robotics and computer virtual technology, real-time simulates human upper limb movement. With the advent of the A2, upper limb rehabilitation training will be upgraded to a new level. A2 has the function of adjustable upper limb loading system, intelligent feedback and three-dimensional space training, patients can be in the computer virtual environment to complete the multi joint or single joint rehabilitation training.

FUNCTION AND CHARACTERISTICS

- Assessment function
- Intelligent feedback training
- Information storage and enquiry
- Arm burden or reduce burden training
- Visual and audio feedbacks
- Targeted training
- Printed function



REHABILITATION TRAINING

Game training(1D, 2D, 3D),real time virtual ,verbal feedback, data records ,recognize left / right arm intelligently.



Fried eggs



Aerial shooting

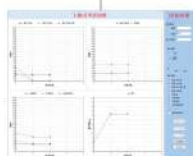


3D Hit the ball

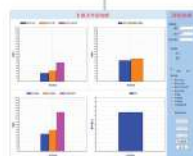
ASSESSMENT REPORT

System according to the evaluation data generation assessment report, every item of the report can be showed by sheet and graph (line graph, histogram and area chart) ,three different ways to display and print.

Evaluation Report



line graph

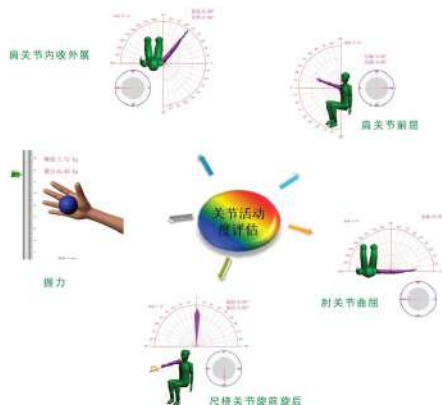


Histogram



Print information

ASSESSMENT SYSTEM



Assessment of each joint range of motion and grip strength; and save in the database of individual, which provide the basis for the therapist to assess the patients rehabilitation status. And automatically calculate the patients movement range during the training process.

COMPARE TO TRADITIONAL TRAINING

Upper limb rehabilitation robot is an ideal training platform for the patients, which training efficiency, providing real-time visual feedback information and accurate assessment of the degree of rehabilitation for patients after training, in addition, improving the training of patients with fun, attention and initiative.



ADAPTATION DISEASES

Patients suffer from upper limb hemiplegia and dysfunction who need upper limb rehabilitation caused by nervous system diseases, cerebrovascular diseases, serious traumatic brain injury, surgery etc. Such as: Stroke, Parkinson, cerebral thrombosis etc.

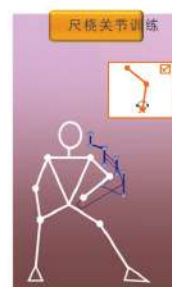
Weight support system

Early paralysis of patients with weakly limb strength, can reduce body weight to do training, so that patients more convenient to exercise and improve their surviving nerve muscle control ability, after training, limb function who has recovery step by step may be appropriate to increase the limb weight training and promoted the rehabilitation of patients.



TARGETED TRAINING

Single specific joint training / several joints training together





Necessary Rehabilitation Products

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PRODUCT INTRODUCTION

Gait training and evaluation system is an advanced medical equipment, which is based on the principle of neuroplasticity. It is also a motor driven gait correction device with a set of hip support device and two gait correction device. The gait correction device is equipped with independent hip joint and knee joint driven setting. A3 is installed on a rotating door by a parallel quadrilateral structure. The operation needs to be combined with the treadmill and weight support system, which control by the computer. Mainly recovery patients with limb movement function.

TREATMENT FUNCTION

Recovery normal gait in the early walking training.
Reduces the occurrence of joint spasticity, improve the range of joint movement;
Dynamic weight support, increases weight support ability, stimulates the sense of the body and improves muscle strength.



SHOW DETAILS



Clinical use



Medical treadmill



Gait orthotics



Weight support system



Emergency stop switch



FUNCTIONS AND FEATURES

1、Gait control: Equipped with Panasonic servo motor which controls each joint's angle ranges of motion and walking speed accurately.
Active, active assist and passive modes of training.
Guide force soft and adjustable.
The gait offset can be adjusted basing on patient's gait pattern.
Spasm detection and protection.

2、Deweighting system: Static support is used for lifting patient vertically which makes it easier for patient to stand up from wheel chair. Dynamic support is used for adjusting the supporting weight during gait cycle.

3、Synchronous treadmill: Treadmill speed can be adjusted in real-time basing on robot's gait speed. Minimal speed starts from 0.1 km/hr which is suitable for rehabilitation training.

4、Virtual reality technology: The training scene simulates the real situation. Game training makes the treatment more interesting.

5、Software function: Builds the large patients' database to record training information and treatment procedures. Therapist can progress the treatment program very easily according to the information. The force curve and joint motion range are in real time.



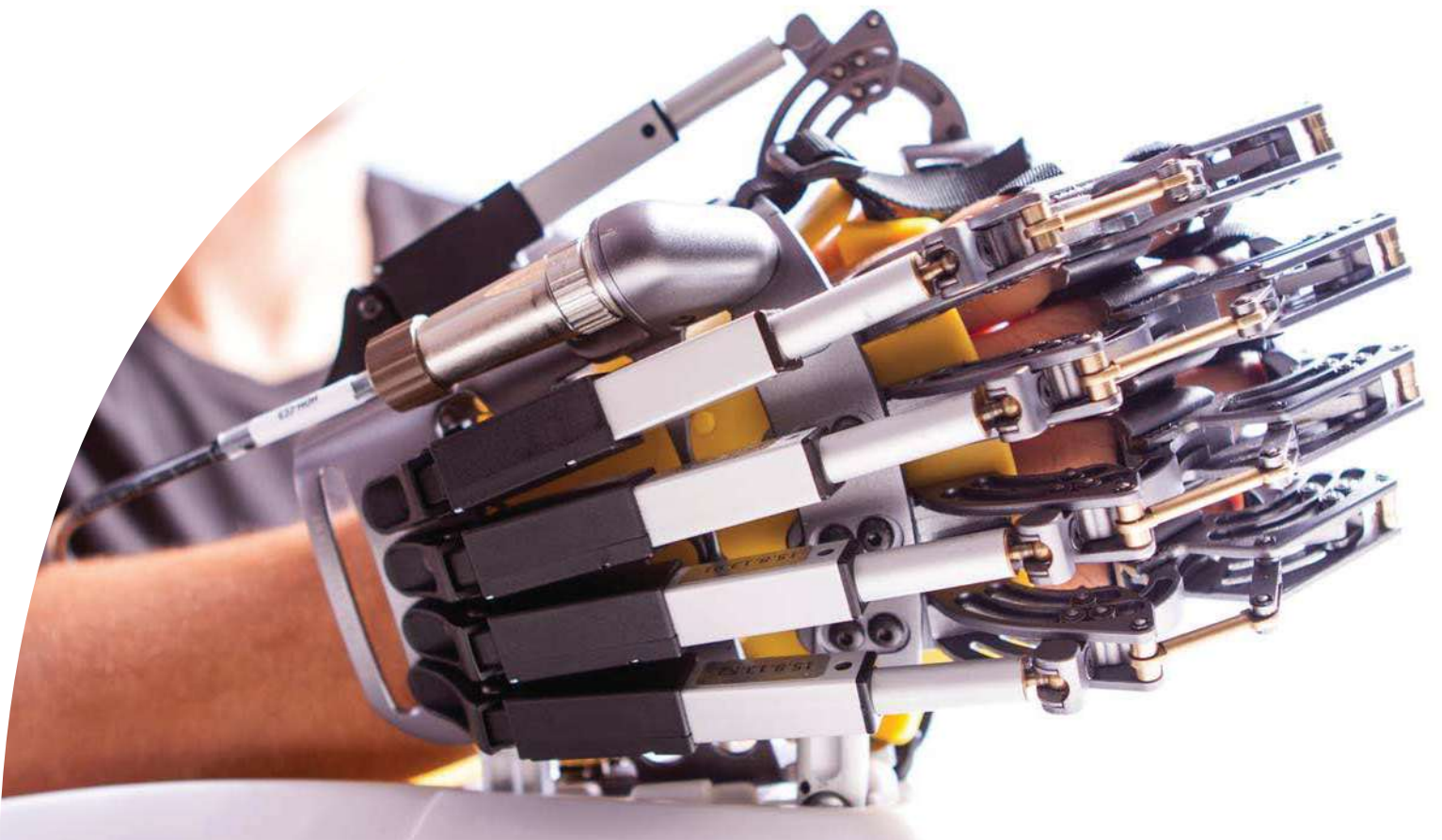
Rehab-Robotics

Member of Vincent Medical Holdings Limited

Hand of Hope

For hand rehabilitation

→ Scan QR Code
○ To Watch Video



Over 17 Million people worldwide suffer a stroke each year

A stroke is the largest cause of a disability with half of all survivors being left with an impairment of the hand and arm leading to an inability to execute their activities of daily living.

Consequently a patient can lose motivation and hope which is key to their rehabilitation, especially when the greatest recovery can be seen in the first days and weeks after a stroke.

Hand of Hope

Lets introduce you to the Hand of Hope, an award winning, state-of-the-art sEMG driven robotic hand rehabilitation device that combines advances in robotics and neuroscience to enable stroke survivors to restore movement to their paralysed hands.

Neuroplasticity

The brain has a unique ability to reorganise itself by forming new neural connections throughout our lifetime. Neuroplasticity allows the neurons in the brain to compensate and adjust their response to new activities and situations after strokes or brain injuries.

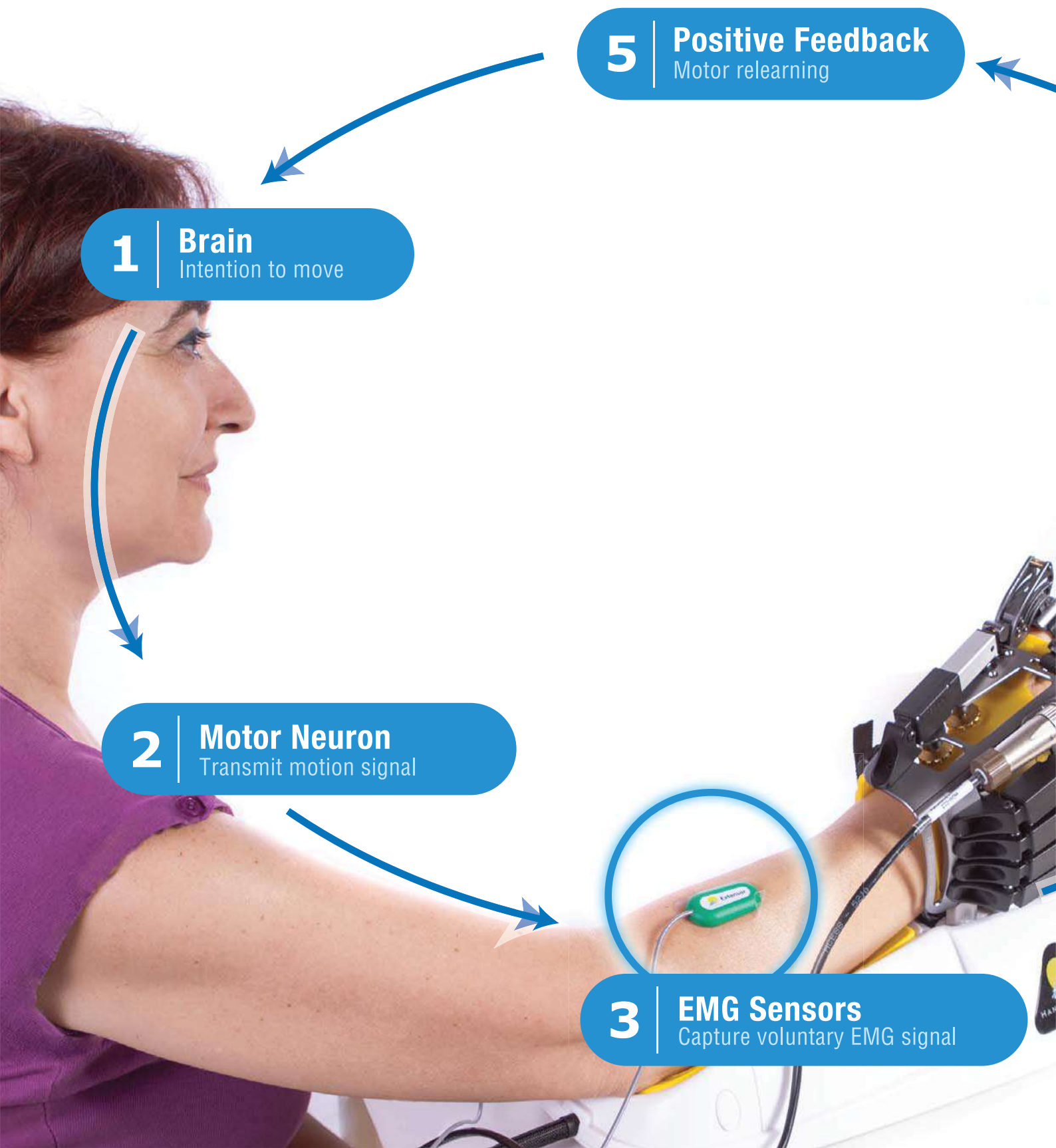
Highly intensive repetition of activities has shown to promote a reconnection of pathways leading to neuromuscular rehabilitation of the hand and forearm that may help patients regain hand mobility through motor relearning.





How the Hand of Hope works

The Hand of Hope is a therapeutic device that may help patients regain hand mobility through motor relearning, the patient self-initiates movement through voluntary EMG signals that indicates an intention to move.



1. Intention to Move

The Hand of Hope detects the patient's intention for hand motion using voluntary EMG signals commanded by the brain

2. Motion Signal

The Device processes these signals and delivers them to the hand brace

3. Perform Movement

The Hand brace provides an assistive function for hand motion

4. Positive Feedback

The Patient relearns hand function through positive feedback

5. Interactive

Real-time interactive games enhance the training outcomes

4

EMG + HOH

The HOH responds to the user's desire to move the hand through a real time interactive EMG signal displayed on the bar



Hand of Hope basics

The hand brace is worn on the impaired hand with 2 surface sensors attached to the extensor and flexor muscles of the forearm to detect the surface electromyographic signals (sEMG) for active participation during exercise.

Intended Use

The Hand of Hope therapy device is intended for use in patients that require hand and forearm rehabilitation. Potential goals for the use of HOH could be, but not limited to the following:

- Motor learning via interactive use of the biofeedback system
- Help initiation of the voluntary muscle contraction and voluntary movement
- Maintain voluntary muscle contraction and the voluntary movement
- Control of abnormal muscle activity

Indications

- Decreased muscular activity after Stroke, Spinal Cord Injury, Hand / Finger injury
- Difficulty to self-initiate, control or maintain voluntary muscle movement,
- Impaired coordination of voluntary movement of the upper limb

Hand of Hope is used to facilitate

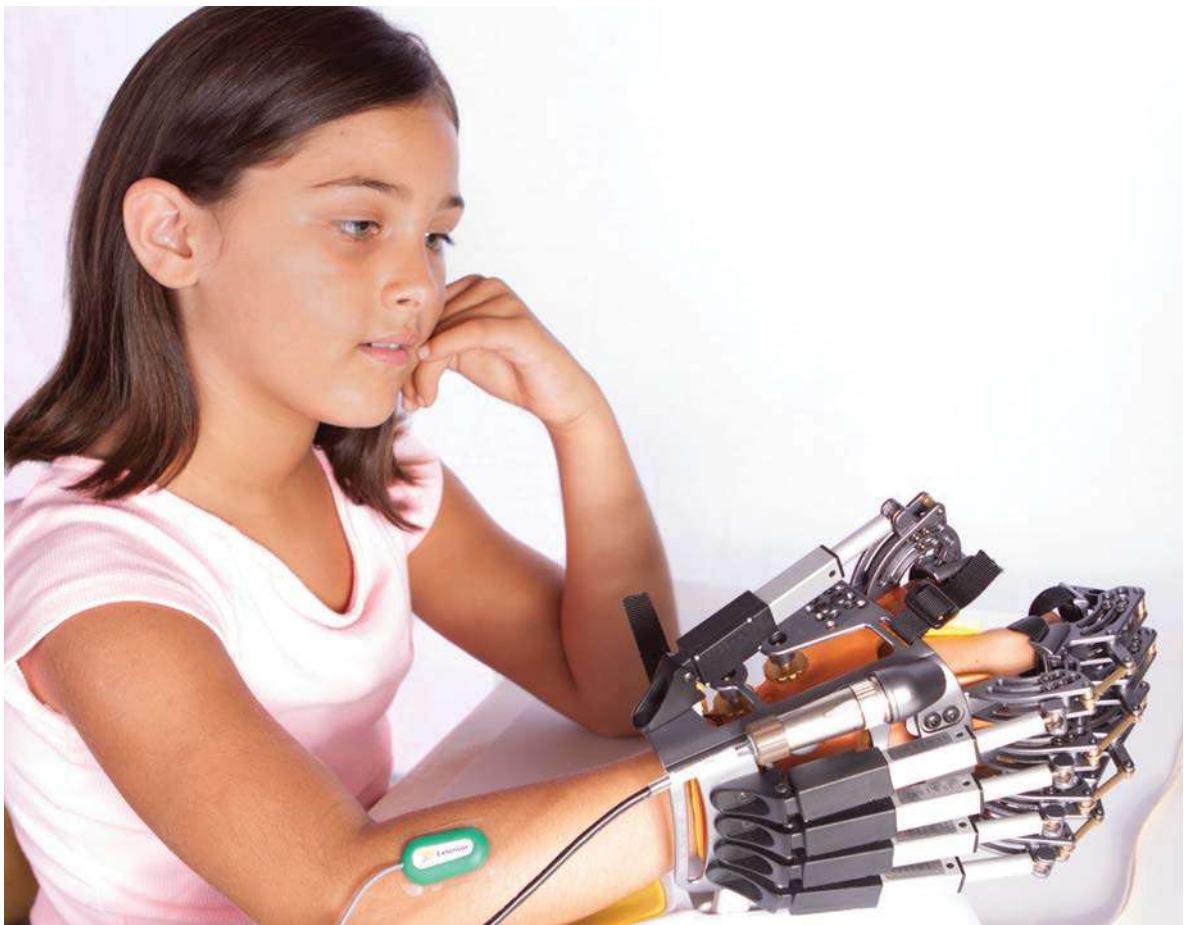
- Initiation of voluntary muscle contraction
- Motor control and coordination
- Muscle relaxation
- Motivation
- Control of abnormal muscle activity

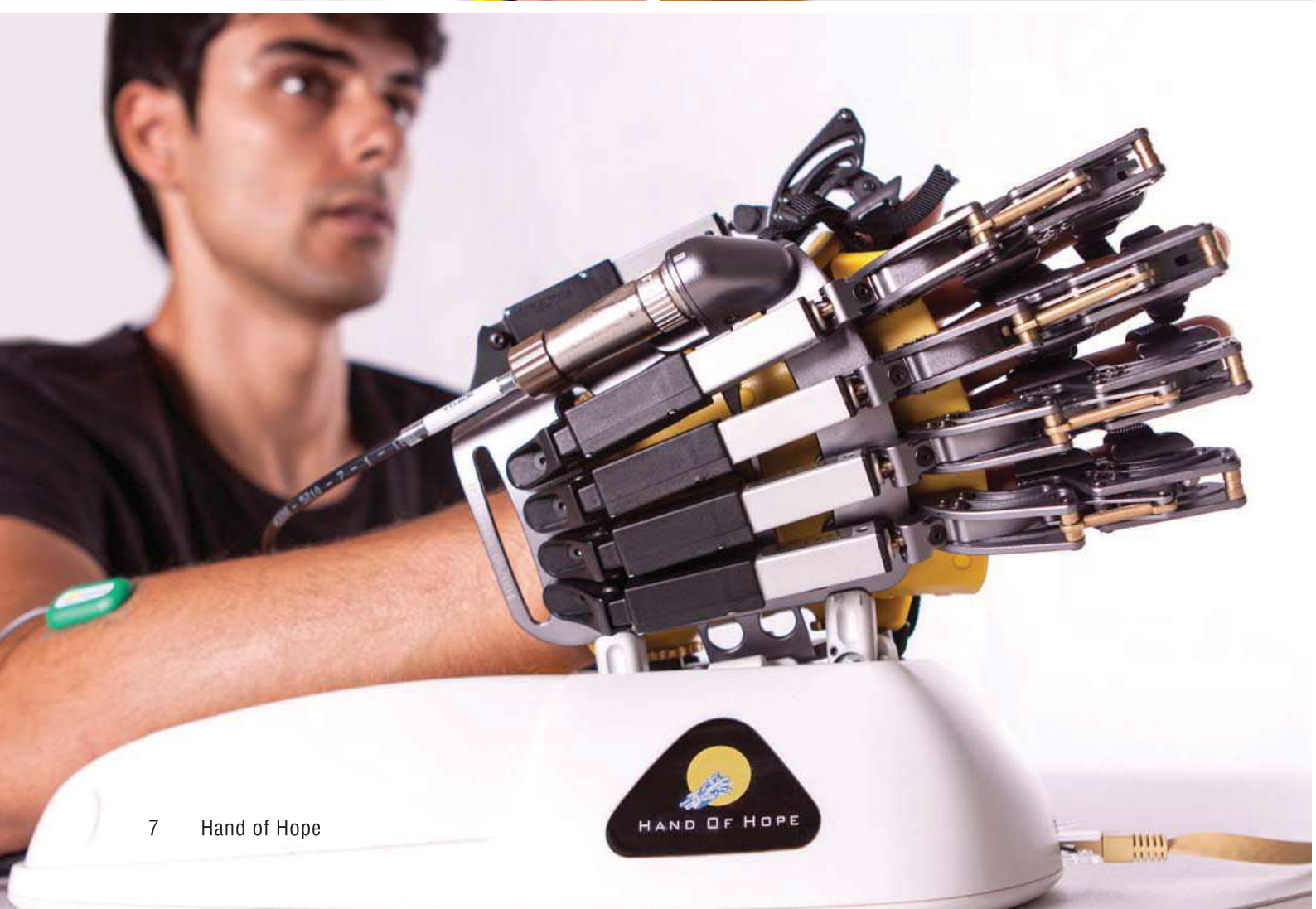


Children

Robotic rehabilitation in children has many constraints in comparison to adult rehabilitation, these constraints range from the size of the child's hand to the interactive interface design. The Hand of Hope has been successfully applied for use with children, the small hand brace insert allows them to fit securely and enjoy the full range of the interactive games.

Suitable to address neurologic/orthopedic problems of pediatric patients.





Training Modes

Different training modes allow the therapist to customise the level of assistance that the Hand of Hope provides. The difficulty level of each mode can be adjusted according to the user's need.

Continuous Passive Motion

Movements are passively repeated over time. Two CPM patterns are available for training: hand opening & grasping.

EMG Biofeedback Training

Trigger & Go

The HOH will assist the user in completing the hand motion once the signal is detected above a pre-set sEMG threshold level.

Trigger & Maintain

The HOH will assist the user in completing the hand motion once the signal is detected above a pre-set sEMG threshold level.

Hand Opening Training

An sEMG threshold level can be set by moving the horizontal line in the vertically displayed EMG signal bar on the screen. Thereafter the set EMG threshold level is used as a visual biofeedback displayed on the screen. The patient will need to exceed this threshold level in order to run modes of Trigger & Go and Trigger & Maintain.

Open & Grasp Training

Both opening and grasping are performed according to detected EMG threshold. The movement is controlled completely by voluntary muscle contraction.

Training mode is

Trigger & Go

Grasping Training

The EMG threshold level can be manually changed depending on the clinician's observations by moving the horizontal line in the EMG signal bar up and down.

User can select two different training modes:

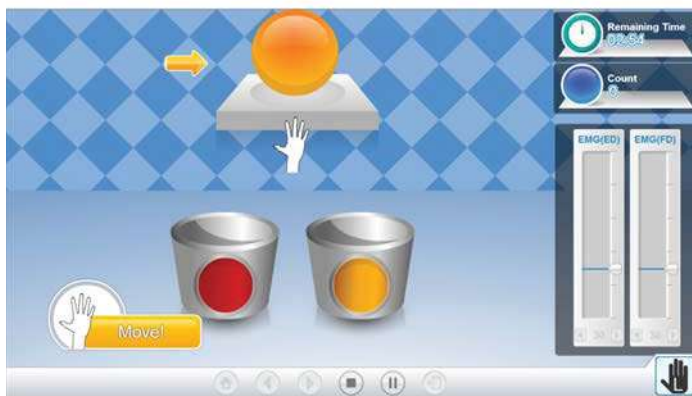
1. Trigger & Go
2. Trigger & Maintain



For Hand Opening Desperate Bee



For Hand Opening Hungry Bird



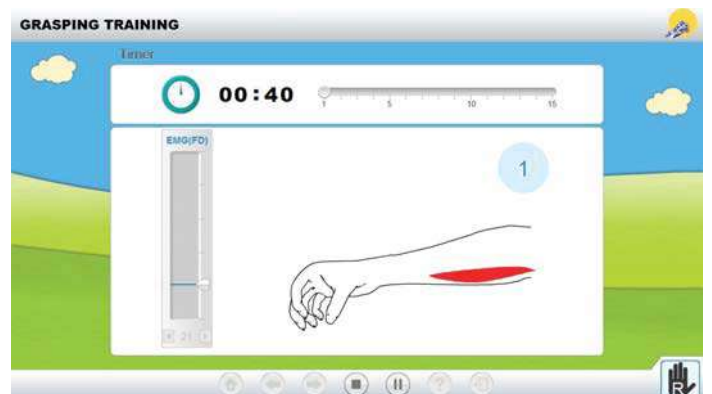
For Hand Opening & Grasping Ball & Basket



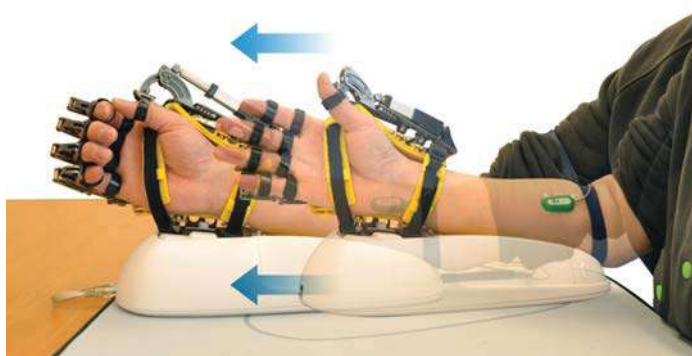
For Hand Grasping UFO Catcher



Training Mode Open & Grasp Training



Training Mode Grasp Training



Training Mode Arm Training



Training Mode Hand Training

Interactive Games

The Hand of Hope's real-time interactive games play an important part in the rehabilitation process and will enhance the training outcomes and help to motivate the patient, increasing the patient's interaction with the therapist

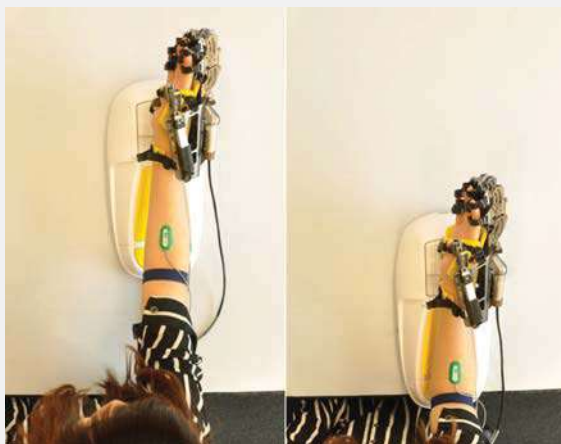
Hand & Arm Training in ONE

Many of the current rehabilitation devices focus primarily on larger joints, e.g. the elbow and the shoulder. Only some focus on hand/wrist training. Overall, these devices rarely work on a complete upper limb movement.

Impairment of the upper limb depends primarily on the loss of hand function and finger dexterity, which is why restoring both distal and proximal motor functions is essential to the completion of daily tasks.

Hand of Hope

Hand of Hope addresses these shortcomings by providing complete upper limb training with coordinated hand and arm movements. It combines executed movements with active control of the Forearm Support.



Arm Training

At later stages of the recovery process, users can train their arm using the Tracking Forearm Support. Levels 3 and 4 of the interactive games require the user to extend their elbow and shoulder to complete game missions.

Training Sessions

Patients may not want their sessions on the interactive games, they can instead use the Training Sessions mode that displays their generated EMG signal, the motion of the hand that they need to move and the muscle group used.

Forearm Support

We use a Forearm Support which not only provides the patient with a comfortable training experience and position but it also acts as a training tool for the elbow, shoulder and to improve eye hand coordination.

Patient Database

Individual patient settings and training details are stored and can be recalled at anytime. Graphical results can be generated and reviewed quickly for data analysis.

Our Principles

The harder you try, the more you're motivated, the more alert you are, the better the potential outcome.

If you're intensely focused on the task and really trying to master something for an important reason, the change experienced will be greater.

Our Approach

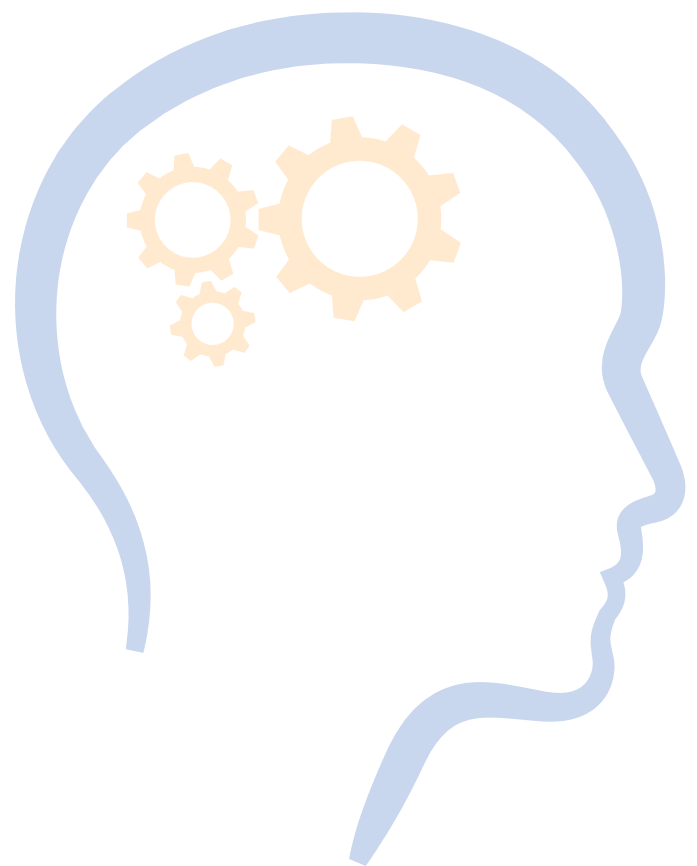
Our approach to rehabilitation is that the patient needs to be actively involved, they drive their rehabilitation forward and see the personal gains that can be made using the Hand of Hope.

In active mode we use the EMG sensors and calibrate the robotic hand to the patient's very own signals, that allows the patient who has an intention to move to send a signal direct to the Hand of Hope and it will open or grasp for them.

Why Robotics?

Robotics are becoming more and more common in the enhancement of traditional post-stroke therapies because they provide consistent & precise treatment over longer periods of time.

They can be programmed to perform in different functional modes allowing the therapist varying options in their approach to rehabilitation. Robots can measure and record a range of behaviors in parallel with therapeutic applications which helps to evaluate and track a patient's progress.



Features of the Device

The Hand of Hope is packed full of features to aid and accelerate the rehabilitation process of Patients from the early stages of their injury to achieve their recovery goals.

Passive mode & Active mode

The Hand of Hope has two modes of rehabilitation, not only does it work in Passive Mode but also in Active Mode providing the patient with an exciting focused participation.

Readily available information

Individual user settings and training parameters are stored and analysed giving the therapist access to detailed user progress information.

Comfortable training experience

The hand brace and forearm support of the Hand of Hope are designed to provide optimal user comfort.

Easy-to-use

The interactive software is presented with simple animated instructions and icons help guide the patient through their sessions.

The Velcro finger straps make setting up and removing the hand braces effortless to ensure that the patient is comfortable during this process.

Easy-to-carry

The system is compact, lightweight and can be carried around with ease in a provided carry-case that only weighs 14kg.

Cleaning

The Hand of Hope is easily kept clean, all surfaces of the hand brace and forearm support can be wiped clean using an alcohol spray or wipes and the inserts can be removed and cleaned separately.

Hand of Hope Specification

Model	Small	Medium	Large
Dimensions (W x L x H)	160x250x120mm	160x250x120mm	180x250x120mm
Weight	700g	700g	800g
Internal Platform Range	88-100 mm	100-115 mm	115-130 mm
Dimension of Forearm Support (W x L x H)	162 x 336 x 69 mm		
Classification	Class IIA Medical Device		

US Patent No.: 9,532,916



The Hand of Hope System and Packages

Hand of Hope (small-to-medium)

- 1 pair of S-to-M hand braces
- Internal Platform & Strap Pad Set (S & M sizes)
- Advanced Training Software including CPM mode, EMG mode, Patient Database and 5-game Module
- Advanced Forearm Support
- Portable Workstation
- Carrying Case
- Wireless Touch Keyboard
- Cables and Accessories



Hand of Hope (small-to-medium, large)

- 1 pair of large hand braces
- 1 pair of S-to-M hand braces
- Internal Platform & Strap Pad Set (S, M & L sizes)
- Advanced Training Software including CPM mode, EMG mode, Patient Database and 5-game Module
- Advanced Forearm Support
- Portable Workstation
- Carrying Case
- Wireless Touch Keyboard
- Cables and Accessories



Hand of Hope Extension Kit

- Internal Platform & Strap Pad Set (S & M sizes)
- Advanced Training Software including CPM mode, EMG mode, Patient Database and 5-game Module
- Advanced Forearm Support
- Portable Workstation
- Carrying Case
- Wireless Touch Keyboard
- Cables and Accessories



* No monitor is provided

Hand of Hope Research Model

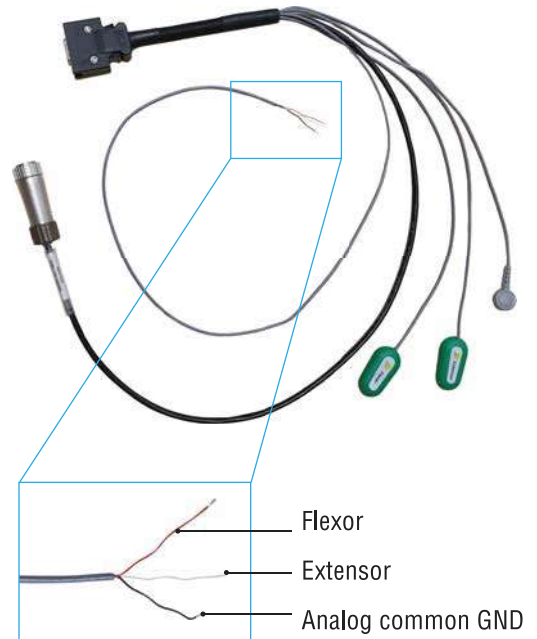
What does it do?

The Hand of Hope Research Model is a special edition designed to perform scientific analysis for research purposes. The model has additional features and components:

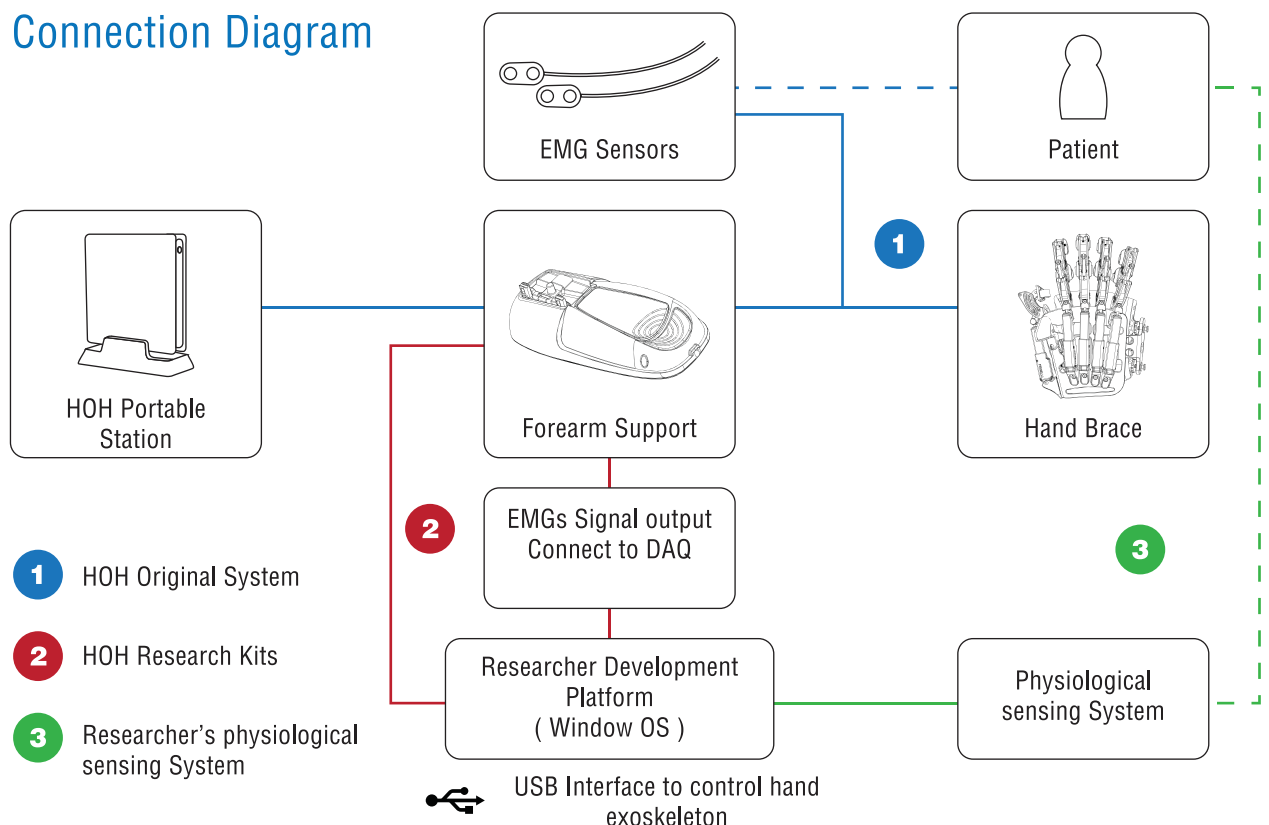
- Allows to combine a variety of physiological sensing technologies such as EEG, Strain Gauge (force), MMG
- Access to real-time EMG signals
- Console software application can be built to control the motion with API
- New algorithms can be programmed and applied

Contents

- Hand of Hope System (s-m)
- Power and USB Adapter
- Power and Sensing cable with 2 EMG signal outputs (pictured)
- Optional: NI Data Acquisition Device (DAQ) Model USB-6216 with USB interface



Connection Diagram



Note: When operating the HOH Research Kit, HOH portable station is no longer connected or hosted by the system control. The Research Platform hosts the whole system control.



LIFE SCIENCE
ROBOTICS



→ Scan QR Code
To Watch Video

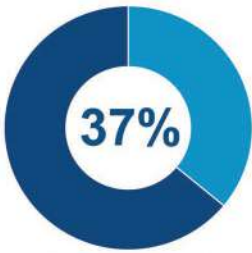


ROBERT®

Pushing the limits of true recovery

EUROPEAN HEALTH CHALLENGES

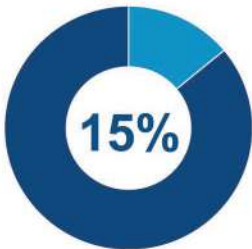
OVERWEIGHT



OF EUROPE'S POPULATION WAS
OVERWEIGHT (BMI > 25) IN 2017
[EUROSTAT 2019]

- Lifting or moving patients is the main source of injuries for professionals, especially with bariatric patients. [Glover, 2002]
- In the next 10 years, for every 100 people leaving the job market, only 76 will enter. [United Nations, 2019].

OBESITY



OF EUROPE'S POPULATION WAS
OBESSE (BMI > 30) IN 2017
[EUROSTAT 2019]

AGEING POPULATION



TODAY, 19% ARE
+65 YEARS OLD
[EUROSTAT, 2020]



BY 2050, 28% ARE EXPECTED
TO BE +65 YEARS OLD
[EUROSTAT, 2020]



ROBERT®

ACTIVE MOBILIZATION

ROBERT® is an innovative rehabilitation robot that offers active resistive and assistive mobilization providing better conditions for rehabilitation to patients and healthcare professionals.

In order to improve the patient's functional ability and recovery, rehabilitation is essential [WHO, 2019].

Through individualized treatments, ROBERT® makes it possible to start the process at a very early stage, which can intensify the rehabilitation.

- Patients will receive sufficient, personalized training, even on busy working days.
- Studies have shown that physiotherapy is efficiently treating acute pain, while its preventing chronic pain [APTA, 2018].

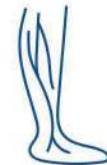
NEUROPLASTICITY



MUSCULAR ADAPTION



THROMBOSIS PROPHYLAXES



DECUBITUS PREVENTION



“ The patients really want to try the robot. It has increased their focus on rehabilitation. ”

- Rikke Sørensen, Lead Nurse



PLUG



ATTACH



RECORD



PLAY

INTUITIVE
& EASY



IMPROVES WORK ENVIRONMENT

ROBERT® reduces the physical burden and risk of injuries for nurses and therapists.

While the rehabilitation is intensified, the healthcare professionals are relieved from repeated heavy lifting.

The rehabilitation robot makes it possible to treat more than one patient at once. Patients are able to exercise with ROBERT® by themselves at their own pace. Studies have shown that patients' ability to influence their own rehabilitation process, will result in an improved outcome [Dohnke et al., 2005]. The exercises are based on the experts' knowledge, to ensure a qualitative treatment.

- The life-time prevalence of work-related injuries of physiotherapists is around 90%. [Glover, 2002]
- The cost for one ROBERT® with 10 treatments per shift amounts to only 9 € per treatment.

PATIENTS UP TO 150 KG



IMPROVE WORK CONDITIONS



PATIENT SELF-TRAINING



“The concept can contribute to an accelerated patient recovery where the patient gains previous functional level sooner.”

- Mettine L. Blach, Physiotherapist



EXOATLET

ExoAtlet II

is intended for use as a **gait training and rehabilitation device** to improve walking function and independence in patients with a **neurological or muscular injury, illness, or weakness.**



IT **ALL**
BEGINS
WITH THE
FIRST
STEP

2020



Please visit www.exoatlet.lu
for further information.

[LinkedIn](#) @ExoAtlet
[FB](#) @ExoAtlet Europe
[Insta](#) @ExoAtlet Europe
[Twitter](#) @ExoAtlet Europe

EXOATLET II

Provides **supported gait training** that enhances the process of rehabilitation and improves quality of life **for patients with locomotive impairments** of the lower limbs.

EXOATLET II

EXOATLET



Pilot's weight should not exceed **100 kg**.



Pilot's height from **160 to 190 cm**.

KEY FEATURES

ExoGait Assistance Control

Adaptive movement support depending on the patient's abilities;

ExoCloud: Real-time and Progress Reporting

Full analytics and training reporting;

Self-ExoWalking Mode

Movement can be initiated by the patient's efforts;

Integrated FES Module (Functional Electrical Stimulation)

Pending certification;

Stairs Walking

Walking on stairs and other uneven surfaces;

Easy adjustment

No more than 10 min adjustment for every patient.



INDICATIONS FOR USE

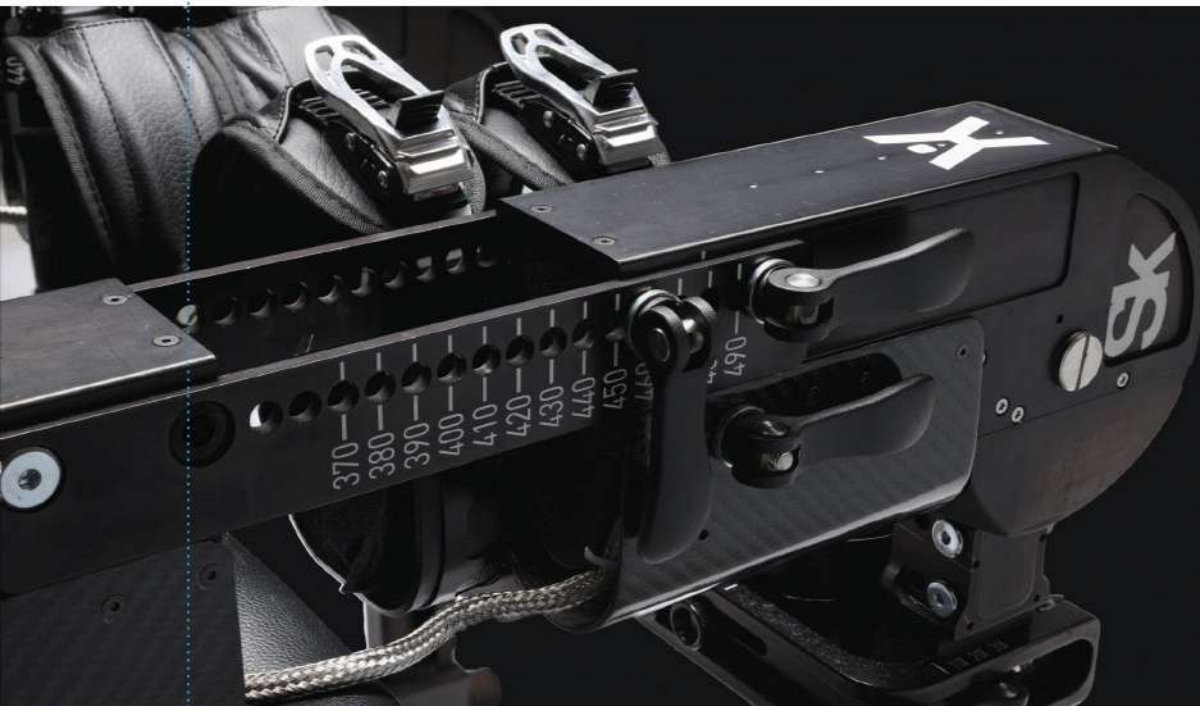
Patients with the Spinal cord injury, Multiple sclerosis, Cerebral palsy, Traumatic Brain Injury, the effects of a Stroke, and those recovering from Arthroplasty.



USABILITY AND SAFETY FEATURES

- Natural gait pattern: accurate adjustment for every patient;
- Ergonomic handles on the back for physical therapists with the control button;
- Emergency shutdown & Spasticity Protection Unit;
- Back support for patients with high degrees of injury;
- Ergonomic materials that are easy to clean;
- One battery charge for a full day's training;
- Adjustment without tools.

EXOATLET II



EXOATLET

ExoAtlet II has 13 anthropometric settings, including adduction and abduction of the thigh and inversion and eversion of the foot. This allows individual adjustments for each patient's physical conditions.

MEANS OF CONTROL

ExoAtlet II has advanced wide possibilities of control and design, which allow **conducting the trainings by just one medical specialist.**

TABLET

With attachment to the back of the exoskeleton.

EXOCRUTCH

The crutch with a remote control for patients.

ERGONOMIC HANDLES

With an emergency stop button.





FES MODULE (PENDING CERTIFICATION)

12-channel electrical stimulation while walking for the patient's muscles and spinal cord to activate the locomotor neurons.

STIMULATION IS SYNCHRONIZED WITH EACH PHASE OF THE STEP.

8 channels for the dorsal leg muscles;
4 channels for the front leg muscles;
2 of the channels can be used for spinal cord stimulation.

Current stage: **Clinical trials**

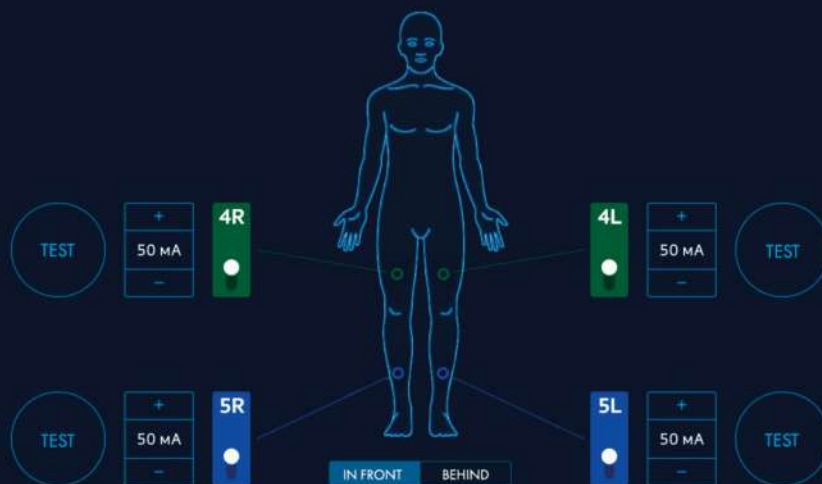
EXOATLET II

STIMULATION ☒

✓ MUSCLES

SPINAL CORD

SAVE



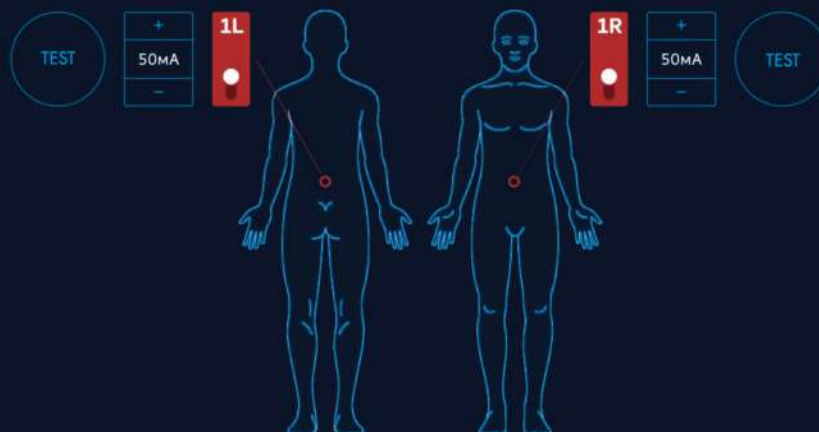
EXOATLET

STIMULATION ☒

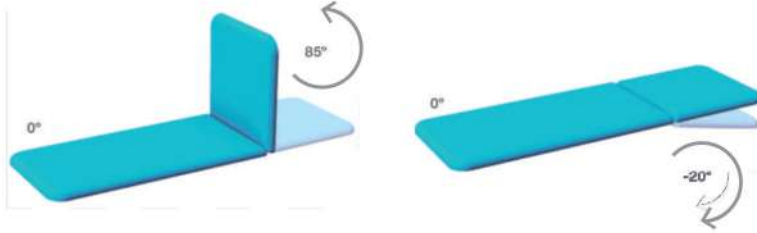
MUSCLES

✓ SPINAL CORD

SAVE



Bu model, fizik tedavi merkezleri, özel klinikler, manuel terapi merkezleri, hastanelerin fizyoterapi bölümleri ve benzeri alanlarda kullanılmak üzere tasarlanmıştır. Tek gövde üzerine oluşturulduğu için hastaya en yakın şekilde müdahale edilme olanağı sağlar. Kullanım alanını genişletmek için çeşitli seçenekleri mevcuttur.



Özellikler

- İki bölmeli ergonomik tasarım
- Gaz pistonlu sırt ayarı
- Opsiyonel motorlu sırt ayarı
- Elektrikli veya hidrolik yükseklik ayarı
- El veya ayak kumandası
- 180 kg ağırlık taşıma kapasitesi
- Kolay hareket kabiliyeti
- Tekerlekli veya sabit kullanım
- Demir aksamı statik fırın boyalı
- Sünger üzeri vinleks deri kaplama
- Kullanıma hazır teslimat

Ölçüler

Uzunluk	: 190 cm
Genişlik	: 65 cm
Yükseklik	: 47 - 97 cm arası

Döşeme Boyutları

125 cm	65 cm	65 cm
--------	-------	-------

Opsiyonel Özellikler



Batarya Desteği



Yan Korkuluk



Elektrikli
Sırt Ayarı



Nefes Boşluğu



Havluluk

Üç bölümden oluşan bu model, çok yönlü ve geniş bir kullanım alanı sağlar. Sağlam ve stabildir. Bir çok tedavi merkezinde rahatlıkla kullanılmak üzere tasarlanmıştır. Tek gövde üzerine oluşturulduğu için hastaya en yakın şekilde müdahale edilme olanağı sağlar. Kullanım alanını genişletmek için çeşitli seçenekleri mevcuttur.



Özellikler

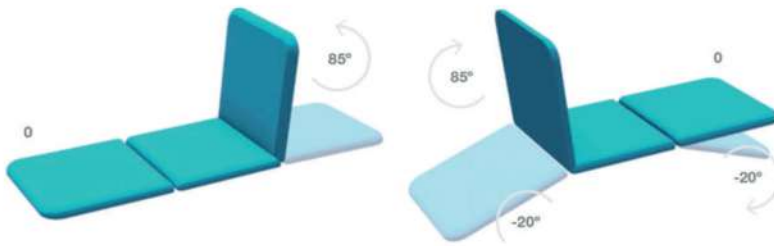
- Üç bölmeli ergonomik tasarım
- Gaz pistonlu sırt ve ayak ayarı
- Opsiyonel motorlu sırt ve ayak ayarı
- Elektrikli veya hidrolik yükseklik ayarı
- El veya ayak kumandası
- 180 kg ağırlık taşıma kapasitesi
- Kolay hareket kabiliyeti
- Tekerlekli veya sabit kullanım
- Demir aksamı statik fırın boyalı
- Sünger üzeri vinleks deri kaplama
- Kullanıma hazır teslimat

Ölçüler

Uzunluk : 187 cm
Genişlik : 65 cm
Yükseklik : 47 - 97 cm arası

Döşeme Boyutları

65 cm 57 cm 65 cm
65 cm



Opsiyonel Özellikler



Batarya Desteği



Yan Korkuluk



Elektrikli
Sırt ve Ayak Ayarı



Nefes Boşluğu



Havluluk

Bu model yüz üstü yapılan tedavilerde rahatlık sağlar. Beş bölümden oluşmaktadır. Nefes alma boşluğu ve ayarlanabilir kol desteğiyle çok yönlü ve geniş bir kullanım alanı sağlar. Sağlam ve stabildir. Bir çok tedavi merkezinde rahatlıkla kullanılmak üzere tasarlanmıştır. Tek gövde üzerine oluşturulduğu için hastaya en yakın şekilde müdahale edilme olanağı sağlar. Kullanım alanını genişletmek için çeşitli seçenekleri mevcuttur.

Özellikler

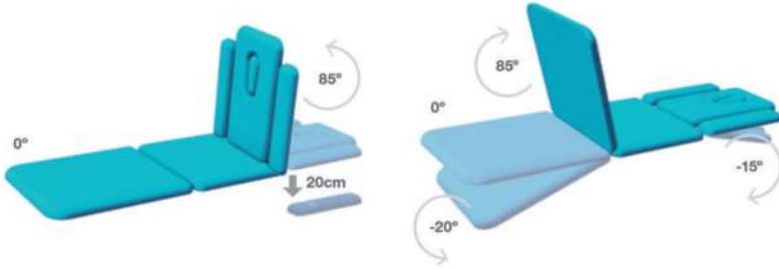
- Beş bölmeli ergonomik tasarım
- Gaz pistonlu sırt ve ayak ayarı
- Opsiyonel motorlu sırt ve ayak ayarı
- Ayarlanabilir kol ayarı
- Elektrikli veya hidrolik yükseklik ayarı
- El veya ayak kumandası
- 180 kg ağırlık taşıma kapasitesi
- Kolay hareket kabiliyeti
- Tekerlekli veya sabit kullanım
- Demir aksamı statik fırın boyalı
- Sünger üzeri vinleksi deri kaplama
- Kullanıma hazır teslimat

Ölçüler

Uzunluk : 188 cm
Genişlik : 65 cm
Yükseklik : 47 - 97 cm arası

Döşeme Boyutları

65 cm	58 cm	65 cm
12 cm		
36 cm		
		65 cm



Opsiyonel Özellikler



Batarya Desteği



Ayak Kumandası



Havluluk

Bu model, mümkün olan en geniş, en sağlam ve stabil tedavi yüzeyini sağlar. Kullanım alanını genişletmek için 102 - 120 cm opsiyonel genişlik mevcuttur. En düşük noktadan (42 cm) 250 kg kaldırma kapasitesine sahiptir. Fizik tedavi merkezleri, özel klinikler, hastanelerin fizyoterapi bölümleri ve benzeri alanlarda kullanılmak üzere tasarlanmıştır.



Özellikler

- İki bölmeli ergonomik tasarım
- Gaz pistonlu sırt ayarı
- Opsiyonel motorlu sırt ayarı
- Elektrikli veya hidrolik yükseklik ayarı
- El ve a ayak kumandası
- 250 kg ağırlık taşıma kapasitesi
- Kolay hareket kabiliyeti
- Tekerlekli veya sabit kullanım
- Demir aksamı statik fırın boyalı
- Sünger üzeri vinleks deri kaplama
- Kullanıma hazır teslimat

Ölçüler

Uzunluk	: 190 cm
Genişlik	: 102-120 cm
Yükseklik	: 42 - 91 cm arası

Döşeme Boyutları

125 cm	65 cm	102 cm
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Opsiyonel Özellikler



Ayak Kumandası



Batarya Desteği



Nefes Boşluğu



Elektrikli
Sırt Ayarı

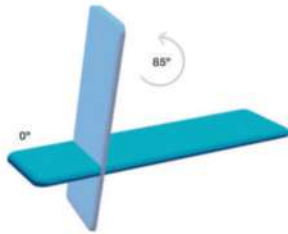


Geniş Tekerlek



Yan Korkuluk

Bu model, rehabilitasyondan muayeneye kadar geniş bir uygulama yelpazesi için tasarlanmıştır. Elektrikli motoru sayesinde yükseklik ve tilt hareketlerini aynı anda yapabilme özelliğine sahiptir. 360° dönebilen kitlenebilir tekerlekler ve hasta tutma kolları mevcuttur.



Özellikler

- Ergonomik tasarım
- Elektrikli yükseklik ve tilt hareketi
- 3 butonlu el kumandası
- 150 mm kitlenebilir tekerlekler
- 160 kg ağırlık taşıma kapasitesi
- Kolay hareket kabiliyeti
- Eklenebilir hasta masası
- Demir aksama fırın statik boyalı
- Sünger üzeri vinleks deri kaplama
- Tilt açısı göstergesi
- Kullanıma hazır teslimat

Ölçüler

Uzunluk	: 185 cm
Genişlik	: 60 cm
Yükseklik	: 52-97 cm arası

Döşeme Boyutları

185 cm



60 cm

Opsiyonel Özellikler



Batarya Desteği



Tilt Açı Göstergesi



Hasta Masası



SPA-630



PRODUCT DETAILS

Size: 3400×2280×1360/1500mm

133.8"×89.7"×53.5/59"

Water Capacity: 1100 gal

Colour: White

Seating Capacity: 3 Person

Power Supply: 220~240V/50Hz

Shell: Acrylic

PRODUCT INTRODUCTION

A treadmill pool with dual purpose for rehabilitation training and body-building is black tech product from JNJ SPAS in 2019. The treadmill pool adopted an integration design meeting the needs of every day use for patients or healthy people, it also can match with barrier-free lifting system to carry patient into pool. By frequency conversion and two-stage transmission technology, it offers two modes: Therapy and Sport, speed scope of Therapy mode is 100meters to 1000meters per speed requirement for rehabilitation training, speed scope of Sport mode is 1000meters to 8000meters per hour which meet motion speed requirement for body-building.

Type	Specification(mm)	Volume(m ³)	G.K. (kg)
hot tub	3450×2300×1600	12.7	1000

Quality:

CE /ETL/KC/ ISO9001: 2008

Hydrotherapy and Balneotherapy Catalogue



Our Technology. Your Comfort. **Water Power.**

Meden-Inmed Sp. z o.o.
www.en.meden.com.pl

Welcome to Hydrotherapy and Balneotherapy Catalogue

Your professionalism supported by our experience

Hydrotherapy (also called water cure) is a stimulus treatment. Is one of the oldest methods in physiotherapy, using the external therapeutic effect of water - in the form of baths, showers, spills and other treatments. It utilizes the thermal, mechanical and chemical impact of water (less often electrical), thanks to which we are able to increase the overall immunity of the body, reduce stress or affect numerous diseases (musculoskeletal system, circulatory system, heart system diseases, injuries, etc.). Due to the huge variety of treatments and the intensity of stimulus doses, everyone can choose something for themselves.

Various therapies, used in the present-day hydrotherapy, take advantage of medical equipment specially designed for these purposes. Meden-Inmed has been specializing in the production of high quality hydrotherapy devices for many years. Based on many years of experience and knowledge as well as continuous effort to meet the requirements of users, we offer modern, reliable, functional and durable hydrotherapy equipment. You can find our equipment in over 70 countries. And our aim is to be helpful also in Your everyday work. That is why we hand over this catalogue to you. We hope you will find in it a lot of equipment useful in treatment of your patients.



Aqua Whirl partial bath tubs line



WKG Whirlpool bath tub for upper limbs

- Therapist comfort: economic use of water – min. 30 l, effective hydromassage therapy via 44 nozzles, semi-automatic draining system, big diameter drain and filling system, automatic filling (option), electronic control panel, short filling/drainage time (~ 1,3/0,7 min.).
- Patient comfort: smooth, profiled treatment chamber, ergonomic design, swivel chair in set.

Standard colours of basin:



Dimensions (L x W x H):
90 x 95 x 92 cm



Capacity:
45 l

WKS Whirlpool bath tub for lower limbs

- Therapist comfort: economic use of water – min. 45 l, effective hydromassage therapy via 38 nozzles, semi-automatic draining system, big diameter drain and filling system, automatic filling (option), electronic control panel, short filling/drainage time (~ 1,7/0,7 min.).
- Patient comfort: smooth, profiled treatment chamber, ergonomic design, swivel chair in set.

Standard colours of basin:



Dimensions (L x W x H):
98 x 90 x 62 cm



Capacity:
65 l

AQUA WHIRL – a line of professional whirlpool tubs designed for SPAs, wellness salons, hotels, rehabilitation and sports centers. Tubs are perfect for hydromassage treatment of limbs and post-injury conditions, in nervous system disorders or muscular and nervous system fatigue.



WKR Whirlpool bath tub for lower extremities and spine

- Therapist comfort: economic use of water – min. 75 l/165 l (lower limbs bath/lower limbs+spine bath), effective hydromassage therapy via 12 adjustable direction jet nozzles, automatic filling, semi-automatic draining system, electronic control panel, short filling/drainage time (~ 2/3,5 min.).
- Patient comfort: smooth, profiled treatment chamber, ergonomic design, steps in set.

Standard colours of basin:



WKD Whirlpool bath tub for lower extremities

- Therapist comfort: economic use of water – min. 120 l, effective hydromassage therapy via 6 adjustable direction jet nozzles, automatic filling, semi-automatic draining system, electronic control panel, short filling/drainage time (~ 4/3 min.).
- Patient comfort: smooth, profiled treatment chamber, ergonomic design, steps in set.

Standard colours of basin:



Dimensions (L x W x H):
117 x 68 x 95 cm



Capacity:
210 l



Dimensions (L x W x H):
117 x 58 x 81 cm



Capacity:
160 l

HEWI

Care

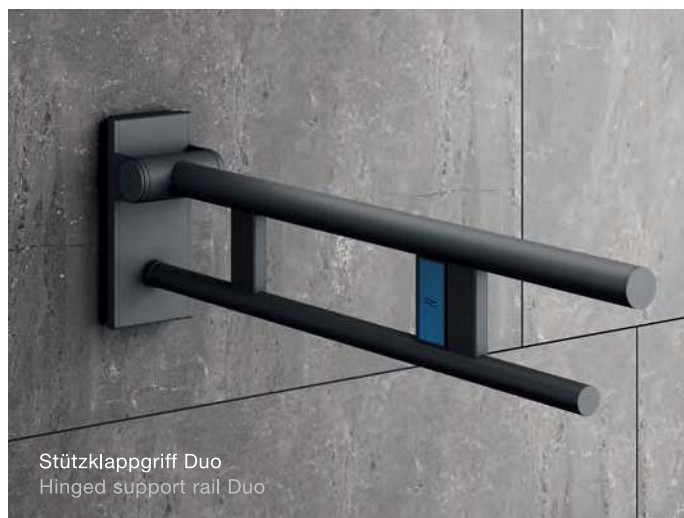


Verlässliche Qualität
Reliable quality



Oberflächenvielfalt
Surface finish variety





System 900 is available in stainless steel, chrome and powder-coated with a deep matt finish in white, grey or black, making it versatile and allowing design options. With system 900 with powder coating, HEWI provides the possibility of designing high-contrast sanitary rooms and of highlighting the functional elements, such as folding support handles or shower seats, away from the wall with high contrast. This facilitates orientation and intuitive usability.

The use of first-class materials and their careful processing result in the outstanding, long-lasting quality of system 900. The special powder coating gives system 900 an incomparable finish. In addition to its outstanding appearance, powder coating also provides maximum corrosion protection and is therefore perfectly suited for use in sanitary rooms. In combination with optimum hygiene properties, cleaning agent resistance and highly precise processing, system 900 satisfies even the most demanding of requirements. System 900 with powder coating enables integrated solutions for all areas of the sanitary room – be it the washstand, the WC or the shower.

Serie 477/801 | Edition matt
Range 477/801 | Matt edition





Integrierte Barrierefreiheit

HEWI Waschtische verfügen über integrierte Griffmulden, die dem Nutzer sicheren Halt und Stabilisation geben. Werden die seitlich angebrachten Haltegriffe nicht benötigt, können sie als praktische Handtuchhalter genutzt werden.

Platzsparende Modelle

Nicht immer sind Sanitärräume so geschnitten, dass sie ausreichend Platz für eine normgerechte, barrierefreie Lösung bieten. Kompakte Waschtische (Tiefe 415 mm) bieten aufgrund ihrer flachen Gestaltung und der integrierten Haltegriffe barrierearmen Komfort und sind besonders platzsparend.

Längenvariable Waschtische

Waschtische, die individuell auf Maß gefertigt werden, eignen sich für Nischen oder Bestandsbäder, in denen jeder Zentimeter zählt. Sie sind in zwei Tiefen (550 und 415 mm) erhältlich und nutzen den vorhandenen Platz optimal aus.



Waschtische mit Schwallkante

Waschtische mit Schwallkante bieten barrierefreien Komfort und hygienische Vorteile. Sie haben wie alle HEWI Waschtische keinen Überlauf. Zudem verfügen sie über eine Schwallkante. Hierdurch wird verhindert, dass Wasser auf der Silikonfuge zur Wand stehen bleibt.

Integrated accessibility

HEWI washbasins have integrated recessed handles/gripping openings which give the user a secure grip and stabilisation. If the side gripping openings are not required they can be used as practical towel rails.

Space-saving models

The size and layout of sanitary rooms are not always designed to offer sufficient room for a conformant, accessibility solution. Compact washbasins (415 mm deep) with their shallow design and integrated gripping slots offer accessible comfort and convenience and are particularly space-saving.



Variable washbasin lengths

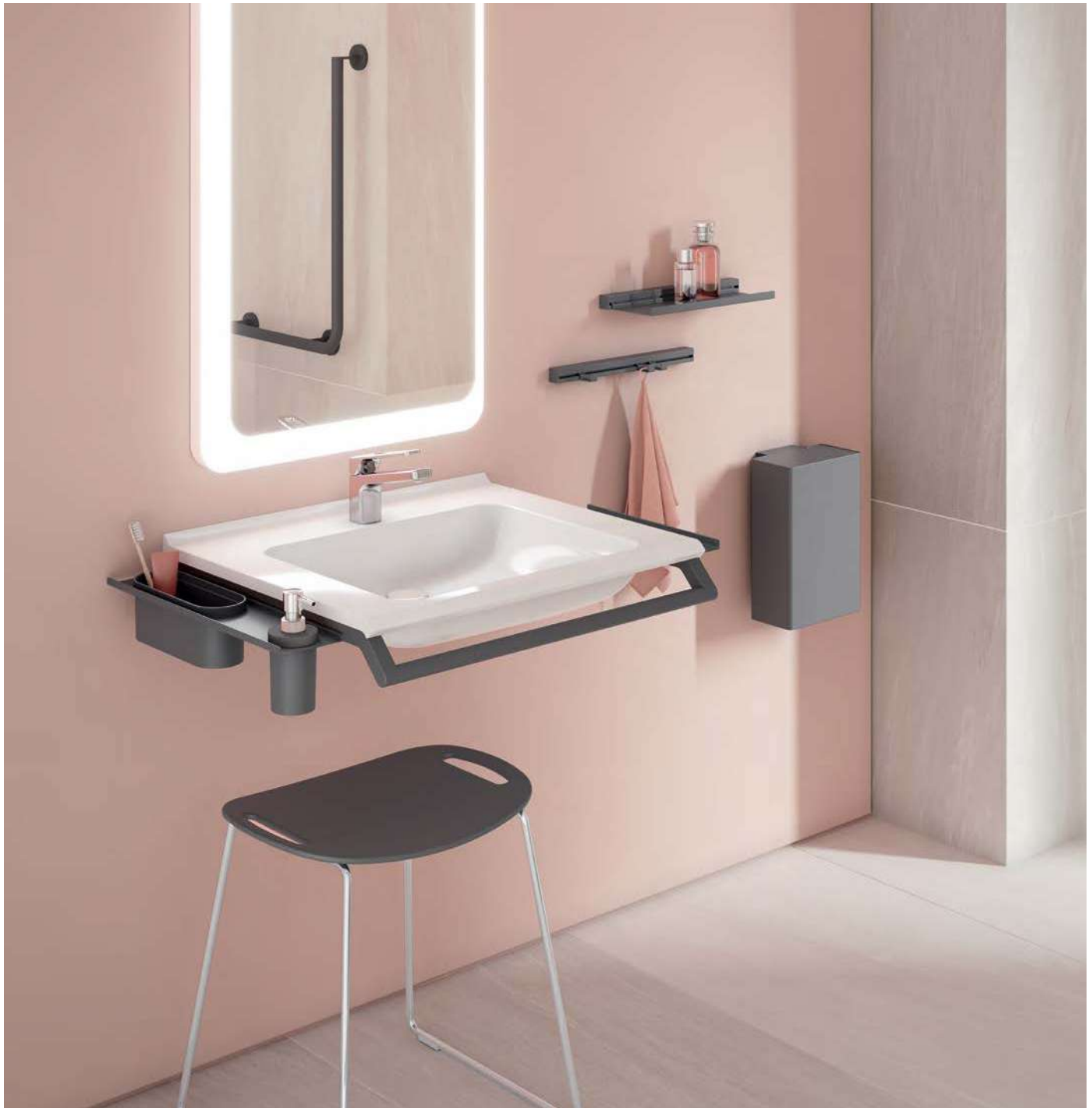
Washbasins which are individually made-to-measure are suitable for niches or existing bathrooms where every centimetre counts. They are available in two depths (550 and 415 mm) and use the available space optimally.

Washbasins with rear lip

Washbasins with a surge edge offer accessible comfort and hygienic benefits. Like all HEWI washbasins, they have no overflow. They also have a rear lip that prevents standing water gathering on the silicone joint between the basin and the wall.

Modulares Waschtischsystem

Modular washbasin system



Das modulare Waschtischsystem kann individuell um Produkte mit wichtigen Zusatzfunktionen ergänzt werden. Das innovative Konzept ermöglicht die Integration eines adaptiven Haltegriffs, der auch als Handtuchhalter dient, und einem modularen Ablagesystem direkt am Waschtisch. Die Waschtische bieten Sicherheit und gewährleisten, dass alle Badutensilien wie Seifenspender, Becher und Co. in greifbarer Nähe ihren Platz finden. Je nach Notwendigkeit passt sich der Waschtisch mithilfe von Profilsystemen den veränderten individuellen Bedürfnissen des Nutzers an.

The modular washbasin system can be individually supplemented by products with important additional functions. The innovative concept enables the integration of an adaptive retaining handle, which also serves as a towel rail and a modular storage system directly on the washbasin. The washbasins provide safety and ensure that all bathroom utensils such as soap dispensers, beakers and the like are always within easy reach. Depending on the necessity, the washbasin adapts to the changed individual needs of the user with the aid of profile systems.



Range 477/801 in the matt edition gives the sanitary room in hospitals, retirement homes or nursing homes a homely design alternative. Outstanding aesthetics and unrestricted functionality are not mutually exclusive.

The matt edition 477/801 range is available in various shades of white and grey. The unique assortment depth from door handle and sanitary accessories to comfort products and barrierfree elements allows consistent fixtures. Range 477/801 enables standard-compliant design, which also meets international requirements.

The velvety finish of the matt edition is achieved by a special finishing process. This creates a unique design in premium Made in Germany quality.

FİZİK TEDAVİ & REHABİLİTASYON ÜRÜNLERİ

Sanctband Egzersiz Bandı



- 6 Farklı direnç çeşiti
- 46 metre uzunluğunda
- Yapışmaz malzemeden üretilmiştir pudralama gerektirmez

Digi-Flex El Parmak Kuvvetlendirici Set



- 5 Farklı direnç çeşiti
- Ergonomik yapı, denge ve konfor
- Kolay, hızlı ve başarılı rehabilitasyon süreci

Pilates Topu Seti



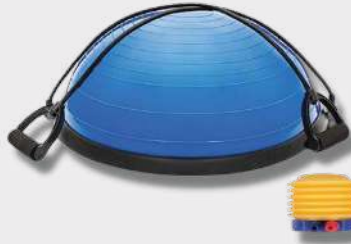
- 5 Farklı boyutta
- Renk Seçenekleri
- Egzersiz ve spor yapma ihtiyacınızı karşılar

Dikenli Denge Minderi



- 35 cm çapındadır
- Denge-Stabilizasyon antrenmanları için uygundur
- Mavi-Yeşil renk seçeneği

Bosu Ball Yarım Denge Topu



- Denge odaklı çalışmalar için kullanılır
- Fitness çalışmalarınız için yardımcıdır
- İki elastik tutma bantı, dengede kalmanıza yardımcı olur

İki Yönlü Denge Tahtası



- İki yönlü çalışma imkanı sunar
- Yüzeyi kaymaz malzemeye kaplıdır
- Propriyoseptif ve rehabilitasyon egzersizleri çalışılarak denge ve koordinasyon geliştirilir.

Yapışkanlı Tens Elektrodu



- Kuvvetli yapışkan jeli sayesinde ekstra jele ihtiyaç duyulmaz
- Yapışkanlığını uzun süre korur
- 5x5 cm ölçülerindedir

Kinesio Ağrı Bandı



- Suya dayanıklı anti-alerjiktir
- Mükemmel cilt teması,
- Güçlü yapışkanlık



FizyoMarket.com

Rehability

FİZİK TEDAVİ & REHABİLİTASYON ÜRÜNLERİ

Omuz Çarkı



Pararel Bar



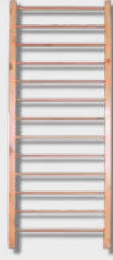
Parmak Merdiveni



Egzersiz K rs s 



**Ah ap
Duvar Barı**



** iftli Seyyar
 nfraruj Lambası**



**Paslanmaz
Hotpack Kazanı**



Hotpack Pedleri



Parafin Kazanı



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Rehability