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Your Physiotherapy Supplier

GENERAL CATALOGUE





AC International brings in more than **40 years of direct experience** in the physiotherapy and rehabilitation field.

Today, AC international is the company promoting and selling products with the following trademarks: , , **Easytech** and 

Cosmogamma, since 1973, has always represented a tradition and a guarantee in the design and manufacture of **high-quality electronic physiotherapy equipment**.

After over 30 years of activity, we are proud to say that our products, today as in the past, are being used by thousands of professionals in the rehabilitation wards of major hospitals and in the most prestigious private physiotherapy centres. In the course of the years our customer base has grown to an international scale, and today, much to our satisfaction, we have customers on every continent.

Our Cosmogamma manufacturing facility, where the new products are designed and assembled with the support of renowned experimenters and medical advisors, is located in the North of Italy, just 30 Km. from Bologna, the world's most ancient university town and industrial district of worldwide importance.

Technomex and AC International East are our sister companies in Poland. Technomex is using modern technologies and European standards for manufacturing of **hydrotherapy equipment**. All Technomex products are with acid and alkali resistant casing, compact & self-supporting construction without metal frame, reliable for long time use in any institutional setting (hospitals, clinics, beauty centres, private facilities).

We avail ourselves of state-of-the-art machinery that enables us to meet the most advanced technological requirements in the electronic sector and our products are always the result of a combination of technical research, high-technology and cutting-edge design. We are sure you will find within the **extensive range of products** illustrated in our catalogue the option best suited to your needs.

Our in-house consulting staff and our sales network are available at any time to assist you in the choice of a product tailored to your requirements. We also offer a comprehensive range of accessories to complete the outfit of our equipment. Our **ISO 9001-certified company** quality assurance system guarantees the high quality of our products.

Welcome to AC International: your physiotherapy supplier.



Product Categories



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**Rehabilitation
Equipment**

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**Hydrotherapy
Systems**

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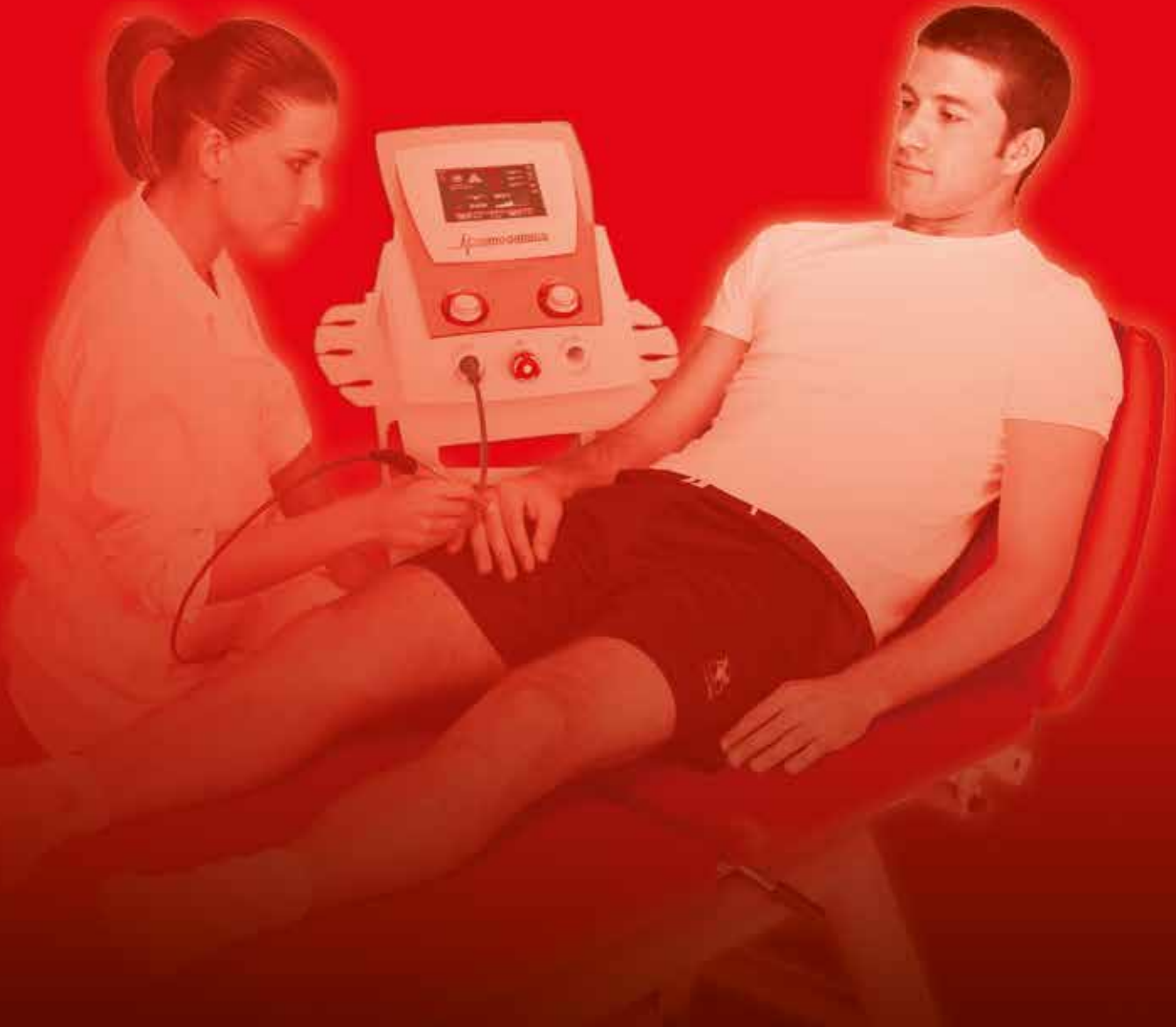
**Treatment
Tables &
Kinesiotherapy**

Electro Therapy Equipment



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Electro Therapy Equipment



(ordering code 7F00) Dual-channel electrotherapy

FIRING is a state of the art portable stimulator for Physiotherapy and Rehabilitation. Using the most advanced electronic technology combined with the extremely simple user interface, FIRING will satisfy the most demanding physiotherapists.

FIRING features:

- Two completely independent channels: intensity and parameter controls for each channel.
- 20 currents / waveforms used both in rehabilitation and pain therapy.
- A huge preset library of programs for most pathologies.
- Possibility of creating and saving user defined programs and sequences.
- Immediate availability of a selection of "favorites" programs user defined.
- Perineal Treatments with preset programs.
- Diagnostic analysis with Intensity / Time (I/T) curve.



- Patient database: store patient data with treatment history.
- Pain level evaluation for each recorded patient at the beginning and at the end of the treatment.
- **M.P.P.** System: extremely complex programs and protocols that will change frequency, duration pulse, sweep, rest/action frequency, intensity and relax time. All these parameters are automatically changed during the program without operator intervention.
- Connection to an ultrasound machine available (optional cable required).
- Large high quality graphical monitor for better screen visibility.

Still, with all these features, FIRING is extremely easy and intuitive to operate.



STANDARD EQUIPMENT

(see page 8)

- 2 pcs. - Electrostimulation Cables [1] (C/IS)
- 4 pcs. - Electrodes 60X40 mm [2] (EL/1)
- 2 pcs. - Electrodes 60X60 mm [3] (EL/2)
- 2 pcs. - Electrodes 60X120 mm [4] (EL/3)
- 4 pcs. - Pads for EL/1 [5] (S/1)
- 2 pcs. - Pads for EL/2 [6] (S/2)
- 2 pcs. - Pads for EL/3 [7] (S/3)
- 2 pcs. - Elastic straps 50 cm [8] (F6)
- 2 pcs. - Elastic straps 100 cm [9] (F7)
- 1 pc. - Black splitting cables [10] (C/DU-N)
- 1 pc. - Red splitting cables [11] (C/DU-R)
- 1 pc. - Black cable 2 mm plug [12] (C/RD-N)
- 1 pc. - Red cable 2 mm plug [13] (C/RD-R)
- 1 pc. - Power cable [14] (C/A)



OPTIONAL EQUIPMENT

- Ultrasound connection cable [15] (C/U)
- Point Electrode [16] (M/SP-P)
- Vaginal electrode [17] (EV/1)
- Vaginal electrode [18] (EV/2)
- Vaginal electrode [19] (EV/3)
- Vaginal electrode [20] (EV/4)
- Anal electrode [21] (EL/A)
- Evoline bag (A02.00241)
- Evoline trolley (A01.00056)
- Tray for Evoline trolley (A01.00047)



Equipment compliant with Directive 93/42/EEC integrated by Directive 2007/47/EC



TECHNICAL DATA

Power supply:	115 ÷ 230 V~, 50 - 60 Hz
Power input:	60 VA
Weight:	3.8 Kg
Dimensions (LxWxH):	27 x 32.8 x 23 cm
Insulation class:	Class I - BF Type

STIMULATION MODES



Tens: It features many resident programs for most common pathologies. Frequency: 2÷200 Hz. Pulse duration: 50÷600 µs. Intensity: 0÷250 mA (Ipp).



Muscle: symmetrical bidirectional pulses. Features a file with a number of programs for the treatment of different muscle conditions. Frequency: 2÷200 Hz. Duration: 50÷600 µs. Intensity: 0÷250 mA (Ipp).



Bipolar interferential current: amplitude-modulated square-wave bidirectional current. Square-wave frequency: 2000÷4000 Hz. (± 20 %). Sinusoidal frequency of modulation: 5÷200 Hz. Intensity: 0÷200 mA (Ipp).



Tetrapolar interferential: amplitude-modulated bidirectional current. Sinusoidal frequency 2000÷10.000 Hz. Sinusoidal frequency of modulation 5÷200 Hz. Intensity 0÷125 mA (Ipp).



Burst: rectangular bidirectional symmetrical pulses. Action: 0,25 s. Pause: 0,75 s. Frequency: 2÷200 Hz. Pulse duration: 50÷600 µs.



Kotz: Interrupted sinusoidal current. Sinusoidal frequency: 1000÷2500 Hz. Modulation frequency: 5÷200 Hz. Intensity: 0÷250 mA (Ipp).



Trabert: rectangular, unidirectional current. Pulse duration: 2 ms. Pause: 5 ms. Intensity: 0÷45 mA (Ip).



AMF: rectangular bidirectional symmetrical pulses. Rise: 2 s. Fall: 1 s. Rest: 2 s. Frequency: 2÷200 Hz. Pulse duration: 50÷600 µs.



Faradic current: Unidirectional pulses. Frequency: 1÷100 Hz. Intensity: 0÷150 mA (Ip).



IONO Iontophoresis: interrupted unidirectional current. Frequency: 8000 Hz. Intensity: 0÷50 mA (Ip).



FM: rectangular bidirectional symmetrical pulses. Sweep adjustable from 2÷10 Hz. Duration of pulses adjustable. Frequency: 2÷200 Hz. Pulse duration: 50÷600 µs.



Diadynamic currents: single-phase (MF), two-phase (DF), short-period (CP), long-period (LP). Intensity: 0÷50mA (Ip).



Triangular/Exponential Pulses: triangular unidirectional pulses. Duration: 1÷1000 ms. Pause: 1÷10 s. Intensity: 0÷50 mA.



Rectangular Pulses: rectangular unidirectional pulses. Duration: 1÷1000 ms. Pause: 1÷10 s. Intensity: 0÷50 mA.



Agonist/Antagonist: rectangular bidirectional symmetrical pulses. Stimulation agonists/antagonists muscles.



Agonist/Antagonist with Faradic current: unidirectional pulses. Frequency: 1÷100 Hz. Intensity: 0÷150 mA (Ip).



Agonist/Antagonist with Kotz current: Interrupted sinusoidal current. Sinusoidal frequency: 1000÷2500 Hz. Modulation frequency: 5÷200 Hz. Intensity: 0÷250 mA (Ipp).



I/t Diagnostics: recording of the intensity/time curve. Automatic calculation of rheobase, chronaxie, accommodation coefficient and drawing of the curve. Possibility to memorize the results and records it on the database.



High Voltage mod.: double unidirectional pulse. Polarity: positive or negative. 200 V on 5 KOhm. 160 mA on 500 Ohm.



Urology: bidirectional symmetrical pulses. Frequency: 2 ÷ 200 Hz. Pulse duration: 50÷600 µs. Maximum current: 250 mA (Ipp). Output characteristic: constant voltage (CV).

MIXING 2 (evo)

(ordering code 3M00) Combined therapy

MIXING 2 is an electrotherapy stimulator with built-in ultrasound unit. It features two independent stimulation channels with adjustable intensity for the delivery of low and medium frequency treatment. The ultrasound unit operates at 1MHz frequency. Ultrasound operation is independent or in combination with one of the two stimulator channels.

PATIENTS DATABASE

allows storing:

- patients data
 - pathology
 - description of treatment
 - treatment customisation
 - evaluation of pain level at the beginning and at the end of treatment
- Our patient database provides immediate

access to the customized treatment allowing it to be easily and quickly repeated.

PROGRAMS AND SEQUENCES

Huge memory to store new programs and sequences of combined programs. this allows creating customized treatments tailored to the patient's specific needs.



MAIN FEATURES

- Continuous output with maximum power of 2W/cm²
- Pulsed output with maximum power of 3W/cm²
- Pre-set programs for common pathologies
- Visual and acoustic no-contact indication
- Real treatment time (timer stops in case of bad contact)
- Ample graphic display showing all output parameters
- Facility for connection of ultrasound unit with a stimulator channel for a combination therapy
- 11 stimulation modes (types of current)
- Simple or combined pre-set treatment protocols
- User-programmable protocols for each of the 11 modes of emission
- Possibility to sequence programs belonging to the same output mode
- Constant-current/constant-voltage
- User-Friendly System
- Patients database
- Possibility to store modified programs and protocol sequences

STANDARD EQUIPMENT

(see page 8)

- 1 pc. - 1MHz/5cm² soundhead (A01.00053)
- 1 pc. - 260gr. gel tube (R/273)
- 2 pcs. - Electrostimulationcables (C/IS)
- 4 pcs. - Elettrodes 60X40 mm (EL/1)
- 2 pcs. - Elettrodes 60X60 mm (EL/2)
- 2 pcs. - Elettrodes 60X120 mm (EL/3)
- 4 pcs. - Pads for EL/1 (S/1)
- 2 pcs. - Pads for EL/2 (S/2)
- 2 pcs. - Pads for EL/3 (S/3)
- 2 pcs. - Elastic straps 50 cm (F6)
- 2 pcs. - Elastic straps 100 cm (F7)
- 1 pc. - Black splitting cables (C/DU-N)
- 1 pc. - Red splitting cables (C/DU-R)
- 1 pc. - Black cable with 2 mm plug (C/RD-N)
- 1 pc. - Red cable with 2 mm plug (C/RD-R)
- 1 pc. - Power cable (C/A)

Equipment compliant with
Directive 93/42/EEC integrated by
Directive 2007/47/EC



TECHNICAL DATA

Power supply:	115 - 230 V (±10%) 50-60Hz
Input:	80 VA
Weight:	4,2 Kg.
Dimensions (LxWxH):	33 x 32,8 x 23 cm
Insulation class:	Class I - BF type



TECHNICAL DATA Ultrasound

Rated frequency:	1MHz
Number of heads:	1
Pulse frequency:	100Hz
Output:	continuous and pulsed
Intensity:	0 ÷ 2W/cm ² continuous 0 ÷ 3W/cm ² pulsed
Soundhead:	1MHz, 5 cm ² with no-contact light indication, suitable for underwater treatments
Time:	0 ÷ 30 min

OPTIONAL EQUIPMENT

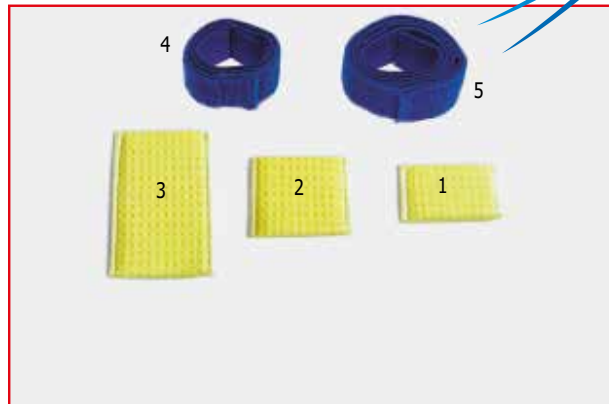
• Point Electrode (M/SP-P)	• Evoline bag (A02.00241)
• Vaginal electrode (EV/1)	• Evoline trolley (A01.00056)
• Vaginal electrode (EV/2)	• Tray for Evoline trolley (A01.00047)
• Vaginal electrode (EV/3)	
• Vaginal electrode (EV/4)	
• Anal electrode (EL/A)	

STIMULATION MODES

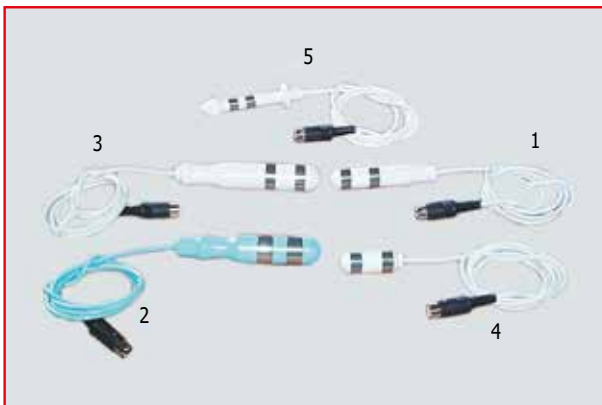
-  **Tens:** It features many resident programs for most common pathologies. Frequency: 2÷200 Hz. Pulse duration: 50÷600 µs. Intensity: 0÷250 mA (Ipp).
-  **Muscle:** symmetric bidirectional pulses. Features a file with a number of programs for the treatment of different muscle conditions. Frequency: 2÷200Hz. Duration: 50÷600 µs. Intensity: 0÷250mA (Ipp).
-  **Bipolar interferential current:** amplitude-modulated square-wave bidirectional current. Square-wave frequency: 4000Hz. (±20%) Sinusoidal frequency of modulation: 5÷200Hz. Intensity: 0÷250mA (Ipp).
-  **Tetrapolar vector:** Amplitude-modulated bidirectional current. Square wave frequency 4000Hz. Sinusoidal frequency of modulation 5÷200Hz, Intensity 0÷250 mA (Ipp)
-  **Kotz:** Interrupted sinusoidal current. Sinusoidal frequency: 1000÷2500Hz. Modulation frequency: 5÷200Hz. Intensity: 0÷250mA (Ipp).
-  **Faradic current:** Unidirectional pulses. Frequency: 1÷100Hz. Intensity: 0÷130mA (Ip).
-  **Iontophoresis:** interrupted unidirectional current. Frequency: 8000 Hz. Duty cycle: 95%. Intensity: 0÷30mA (Ip).
-  **Diadynamic currents:** single-phase (MF), two-phase (DF), short-period (CP), long-period (LP). Intensity: 0÷30mA (Ip).
-  **Pulses:** rectangular and triangular unidirectional pulses. Duration: 1÷1000 ms. Pause: 1÷5 s. Intensity: 0÷30 mA
-  **Traevert:** rectangular, unidirectional current. Pulse duration: 2 ms. Pause: 5 ms. Intensity: 0÷30 mA
-  **Urology:** bidirectional symmetrical pulses. Frequency: 2 ÷ 200 Hz. Pulse duration: 50÷600 µs. Maximum current: 250 mA (Ipp). Output characteristic: constant voltage (CV)



1 - EL/1-Electrode 60X40 mm
 2 - EL/2-Electrode 60X60 mm
 3 - EL/3-Electrode 60X120 mm
 4 - M/SP-P- Handpiece with point electrode without push button



1 - S/1-Pad for EL/1
 2 - S/2-Pad for EL/2
 3 - S/3-Pad for EL/3
 4 - F6-50 cm elastic band
 5 - F7-100 cm elastic band



1 - EV/1-Vaginal electrode
 2 - EV/2-Vaginal electrode
 3 - EV/3-Vaginal electrode
 4 - EV/4-Vaginal electrode
 5 - EL/A-Anal electrode



1 - C/IS-Electrostimulation cable
 2 - C/DU-R-Red splitting cable
 3 - C/DU-N-Black splitting cable
 4 - C/U-Connect cable AD US10
 5 - C/RD-R-Red cable with 2 mm plug
 6 - C/RD-N-Black cable with 2 mm plug



1 - A02.00241 - Evoline bag
 Outside dimensions triangular shape (LxWxH): 29x40x23 cm



1 - A01.00056 - Evoline Trolley

Evoline Trolley with Tray A01.00047 (option)

Equipment compliant with Directive 93/42/EEC integrated by Directive 2007/47/EC



(ordering code ILINE.US13) Ultrasound therapy

US13 is a state of the art portable ultrasound therapy apparatus offering both 1 and 3 MHz outputs. The unit is packed with innovative features: extremely high power, lots more duty cycle options (anything from 10% to 100 %), improved no-contact features, possibility of creating a patient database and pain level monitoring, the industry highest number of pre-set programs for most pathologies; Quickstart mode to click and start for the most common pathologies programs, memory for saving your own programs. Our patient database provides immediate access to the customized treatment allowing it to be easily and quickly repeated. With a 7" capacitive touch screen, US13 is extremely easy and intuitive to operate.



MAIN FEATURES

- Output frequency for the ultrasound heads is 1 and 3 MHz
- Continuous output with a Maximum power of 3W/cm²
- Pulsed output with a Maximum power of 3W/cm²
- 7" capacitive colour Touch Screen
- Large library of pre-set programs for common pathologies
- Free program allows user defined parameters
- Possibility of storing user defined programs/ parameters
- No contact indication is both visual and acoustic
- Real treatment time means that timer will stop in case of bad contact with skin
- Possibility use of different treatment heads
- Patients database
- Possibility of creating and saving complex sequences of programs
- USB Port to update software

STANDARD EQUIPMENT

(see page 11)

- 1 pc. - Head 1 MHz/3MHz 5cm² [1] (A01.00112)
- 1 pc. - 260 gr gel tube [2] (R/273)
- 1 pc. - Power cable [3] (C/A)



TECHNICAL DATA

Supply voltage:	115 - 230 V~
Rated Frequency:	1MHz / 3MHz
Pulse Frequency:	100 Hz with Duty Cycle from 10% to 100%, step 10%
Output Modes:	continuous and pulsed
Intensity:	0-3W/cm ² continuous 0-3W/cm ² pulsed
Output Heads:	1MHz / 3MHz, 1 cm ² 1MHz / 3MHz, 5 cm ² with no-contact indication, suitable for underwater treatment
Time:	0 -30 min
Weight:	2 Kg
Dimensions:	22 x 22 x 12,5 cm
Power Input:	45 VA
Insulation class:	Class I - BF type

OPTIONAL EQUIPMENT

- Head 1 MHz/3 MHz 1cm² (A01.00113)
- Z Trolley [4] (A01.00128)
- Tray for Evoline Trolley (A01.00047)



Equipment compliant with
Directive 93/42/EEC integrated by
Directive 2007/47/EC



(ordering code CYB.THERMO) Hot/Cold treatments for physical therapy

THERMOPRESS is a revolutionary solution for all treatments requiring hot and cold therapy. It is now possible to heat or cool any part of the body by connecting Thermopress to specific bandages that will transfer the requested temperature to the patient. Therapist may add a massage during treatment to increase effectiveness. The range of temperature is from 0° to 40° Celsius (0° to 104° F); user may set a steady temperature or cycles of low and high temperatures. These user defined cycles can be saved and retrieved later.

PATIENT ARCHIVE

including the following information:

- Patient name / general info
- Pathology treated
- Description of the treatment
- Eventual personalised treatment parameters
- Evaluation of Pain Level at the beginning, during and at the end of the treatment.

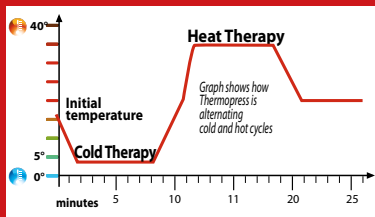
SAVING YOUR OWN PROGRAMS

Thermopress is delivered with a huge list of preset programs listed with the pathology name. Users can easily create new programs and save them. These personalised programs may be used to treat special cases.

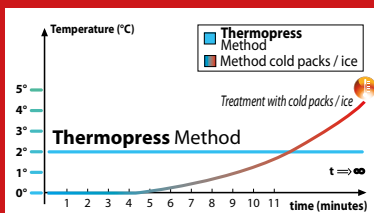


THERMOPRESS COMPETITIVE ADVANTAGES:

Graph displays how Thermopress allows cold and hot cycles during the same treatment. Lots of preset programs are immediately available and other user defined programs may be created and saved.



Graph displays how Thermopress will hold a precise and steady temperature during the treatment time. Other available technologies/methods do not allow treatment at a given temperature; for cold treatments, the effective temperature will progressively increase; for hot treatments, the effective temperature will decrease after some time. With these technologies, the effectiveness of the treatment is not ideal. Thermopress guarantees the set temperature for the time needed to the patient.



Equipment compliant with
Directive 93/42/EEC integrated by
Directive 2007/47/EC



MAIN FEATURES

- Possibility of operating at steady temperature or with cycles
- 4 different basic programs:
 - Cold (pause is possible)
 - Hot (pause is possible)
 - Cold + hot (pause is possible)
 - Any of the previous three plus massage option

STANDARD EQUIPMENT

- 1 pc. - Temperature Transfer Pipe to be connected to the optional bandages [1] (1ACS402)
- 1 pc. - Funnel [2] (K02.00296)
- 2 pcs. - Cooling refrigerant (1 L.) [3] (3LIQ003)
- 1 pc. - Emptying tube [4] (J01.00843)
- 1 pc. - Power cable [5] (C/A)
- 1 pc. - Tray 36 x 18 x 16 cm [6] (A01.00089)

OPTIONAL EQUIPMENT

- Lumbar bandage [7] (1ACS207)
- Shoulder bandage [8] (1ACS208)
- Elbow / Wrist bandage [9] (1ACS216)
- Thigh bandage [10] (1ACS205)
- Knee / Calf bandage [11] (1ACS206)
- Ankle bandage [12] (1ACS203)

TECHNICAL DATA

Power Supply:	230 V~, 50 Hz 115 V~, 50/60 Hz
Power Input:	830 VA
Max. No. of cycles:	20
Cold temperature range:	0° – 15°C (±2°C)
Hot temperature range:	25° – 40°C (±2°C)
Action Time cold cycle:	1 – 60 min.
Pause Time cold cycle:	0 – 60 min.
Action Time hot cycle:	1 – 60 min.
Pause Time Hot cycle:	0 – 60 min.
Action Time massage:	2 – 10 s.
Pause Time massage:	2 – 10 s.
Dimensions (WxDxH):	42 x 56 x 110 cm
Weight:	33 Kg.
Insulation class:	Class I - BF type



FROOZER

(ordering code 06.501.005) Cryotherapy with liquid nitrogen

Froozer device allows the local cooling of the body of the patient by contact with the cold vapor stream of nitrogen at -160 ° C. It is equipped with a touch screen for easy and fast operation.

Cold nitrogen vapor stream is directed to the skin of the patient using a flexible. Liquid nitrogen is stored in a special 30-liter container. Device can be upgraded with a replacement bottle, allowing uninterrupted therapy..



MAIN FEATURES

- New ergonomic design
- Maximum temperature of the vapour stream -160°C
- 5 blower intensity adjustment steps
- Consumption of nitrogen from 3 to 10 kg/h (continuous operation, depending on intensity of flow)
- Proper operation beep every 30 seconds
- Acoustic signaling by the end of treatment
- Transportation chassis with lockable wheels
- Base of pre-set therapeutic programs
- Simple menu
- Without infection and scarring.

NEW BENEFITS

- Faster cooling
- Decreased nitrogen usage
- Higher efficiency

STANDARD EQUIPMENT

- 1 pc. - 30 Liters Nitrogen Liquid Tank [1] (06.501.004)
- 1 pc. - Power cable [2] (C/A)



TECHNICAL DATA

- Supply voltage: 115 - 230 V~
- Capacity of the tank: 30 Liters
- Weight: 45 Kg (with tank)
- Dimensions (LxWxH): 900 x 500 x 1000 cm

INDICATIONS

- Rheumatoid arthritis
- Ankylosing spondylitis
- Spine arthritis
- Periarthritis
- Frozen shoulder
- Reiter syndrom
- Lupus erythematosus
- Lumbago
- Sciatica
- Tendinopathy
- Myalgia
- Edemas
- Burnings
- Tendon tears
- Sprain
- Strain
- Fractures

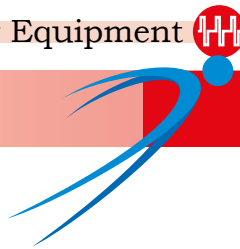


Equipment compliant with Directive 93/42/EEC integrated by Directive 2007/47/EC



SW500 Touch Screen

(ordering code 5T06) Shortwave therapy



SW500 is a unit for continuous and pulsed short-wave therapy. It features a series of resident programs for the most common pathologies.

The operator can create customised programs. The user interface is provided via a modern colour touch screen for maximum userfriendliness. Large patients archives with records of treated pathologies. These records may be used to repeat same treatment on the patient. Patient pain indicator. It is a parameter from 0 to 10 indicating the pain level that the specific patient experienced: record for initial and final pain to allow data comparison. Graphic indication of the emitter / electrodes positioning. General information about SW and its use available on the touch screen. Graphic indication of the delivered energy values (for continuous operation only). This indication is according to pathology treated and sensitivity of the specific patient. Preset energy values available. These values are different according to the emitter / electrode being used.



MAIN FEATURES

- Continuous and pulsed output with automatic tuning
- Power in continuous mode: 500 W
- Max. peak power in pulsed monode: 1000 W
- Control panel with easy-to-read display
- Adjustable arms for easy electrode application

STANDARD EQUIPMENT

- 2 pcs. - Electrode support arms [3] (H1002201)
- 2 pcs. - Short-wave cables [2] (A01.00039)
- 2 pcs. - 150mm disc electrode (Schliephake) [5] (A01.00042)
- 1 pc. - Power cable (C/A)
- 1 pc. - Hexagon wrench 5 (CES)

OPTIONAL EQUIPMENT

- 80 mm disc electrode (schliephake) [6] (A01.00043)
- Flexible rubber electrode 100X160 mm [9] (T1PL1)
- Flexible rubber electrode 140X220 mm [8] (T1PL2)
- Felt For T1PL1 [11] (FL1)
- Felt For T1PL2 [10] (FL2)
- 100 cm elastic straps [7] (F7)
- Diplode [1] (DPL)
- Diplode support arm [4] (H1002101)
- Monode [14] (MNO)
- Cotton bag for T1PL1 [13] (TS1)
- Cotton bag for T1PL2 [12] (TS2)

TECHNICAL DATA

Generator freq:	27.12 MHz
Output mode:	Continuous and pulsed, automatic tuning
Output power:	Adjustable within the range 0 ÷ 500 W in continuous mode and 0 ÷ 1000 W (peak to peak power) in pulsed mode
Pulse duration:	400 µs
Frequency:	Adjustable within the range 20 ÷ 200 Hz in 10 steps
Timer:	Adjustable within the range 0 ÷ 99 min
Power supply:	230 V or 110 V, 50 Hz or 60 Hz
Power input:	1300 VA
Dimensions/weight:	100 x 49 x 45 cm / 60 Kg.
Insulation class:	Class I - BF type



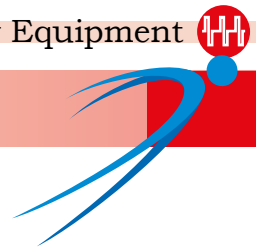
Equipment compliant with Directive 93/42/EEC integrated by Directive 2007/47/EC



PRO-SHOCK WAVES

Electro Therapy Equipment 

(ordering code CYB.SHOCK) Shock waves therapy



PRO-SHOCK WAVES it is a very advanced product delivering radial shock waves for therapeutical use and it is absolutely one of the most versatile device of the market.

The use of modern mechanical technologies applied to this machine guarantee the best quality of delivery of the shock wave on the patient. Furthermore, there are several energy transmitters with different focalizations, adapting the use of the machine to different types of application on the human body.

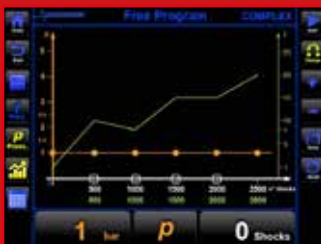
From sports injuries to chronic diseases and disorders requiring rehabilitation, the **PRO-SHOCK WAVES** offers the ultimate technology in shock waves and, with its wide range of pre-set protocols, provides highly effective results in the treatment of pain.

The unique patented **E.S.A.® System (Extremely Soft Absorbed)** reduce the energy transmitted to the therapist up to the 90%. With its innovative and patented System, the PRO-SHOCK WAVES provides unequalled parameter flexibility, allowing the therapist to reduce the energy and create the perfect combinations of parameters for each patient.



SPECIFICATIONS

- Selection by anatomical area of the body
- Selection by medical branches
- Pulsed mode up to 25 Hz
- Pressure power up to 5 bar
- Possibility to create custom programs
- Patient Database
- Huge quantity of preset programs
- E.S.A.® System - This exclusive system reduce more than 90% of energy transmitted to the therapist during the treatment. This system works as a classic shock absorber and removes any problems from the transfer of energy from the handle to the therapist
- Diagram program



Equipment compliant with Directive 93/42/EEC integrated by Directive 2007/47/EC



STANDARD EQUIPMENT

- 1 pc. - 15 mm focused transmitter [1] (J02.01560)
- 1 pc. - 15 mm multi-focused transmitter [2] (J02.01551)
- 1 pc. - 9 mm multi-focused transmitter [3] (J02.01551)
- 1 pc. - Gel tube [4] (R/273)



OPTIONAL EQUIPMENT

- 36 mm transmitter for aesthetic medicine [5] (A01.00107)
- Evoline trolley [6] (A01.00056)
- Trolley bag [7]

TECHNICAL DATA

Number of output:	1
Power supply:	50-60 Hz, ±10%
- 230 Vac	50-60 Hz, ±10%
- 115 Vac	
Maximum power input from the mains:	80 VA
Double fuse protection on the mains:	
- 230 Vac	2x2 A-T - 5x20 mm
- 115 Vac	2x4 A-T - 5x20 mm
Indications:	Backlight graphic LCD display 640 x 480 pixels Touch Screen
Type of emission of the pulses:	Single, Continuous, Burst
Type of emission Burst:	(1÷100) burst pulses (10÷2000) ms pause between burst pulses
Pressure:	1÷5 bar to step of 0.5 bar
Emission frequency:	1÷25 Hz to step of 1 Hz
N. of pulses emitted:	0÷10000
Operation:	- Constant Voltage - Constant Current
Weight:	8.2 Kg
Dimensions (LxWxH):	39 x 32.8 x 23 cm
Insulation class:	Class I - BF type

(ordering code 5A-1000) Laser therapy

LP 50 is an infrared laser beam generator for physiotherapy applications. Laser therapy is definitely one of the safest and easiest-to-use therapeutic techniques. Laser applications are well accepted even by uncooperative patients. Laser therapy produces a marked symptomatic analgesic and anti-inflammatory effect. Extremely ergonomic design for added comfort during long treatment sessions.



MAIN FEATURES

- Pulsed laser output
- Automatic calculation of real treatment time
- Simple adjustment and dosing of laser beam
- Pre-set programs for the most common pathologies
- Programmable parameters in manual mode
- Easy to transport (with plastic carry case included)
- Extremely lightweight

STANDARD EQUIPMENT

- 1 pc. - Power supply unit (5A-ALI)
- 1 pc. - Laser kit case (VAL-24/1)
- 1 pc. - Laser unit support (STAND-LP)
- 1 pc. - Wristband (K02.00184)

TECHNICAL DATA

Laser source:	Pulsed InGaAs/GaAs laser diode
Wave length:	905 nm
Operation:	Pulsed
Pulse length:	100 ns
Power:	75 W peak value 75 mW average value
Duty:	0.1%
Frequency:	10 KHz max
IR spot size:	0.5 cm ² in contact with patient's skin. 0.6 cm ² at a distance of 1 cm from the skin
Time:	Digital display of actual treatment length
Power supply:	230 V
Input:	12 VA
Weight:	250 g
Dimensions:	17 x 15 x 7 cm
Laser class:	3B
Insulation class:	Class II - B Type



Equipment compliant with Directive 93/42/EEC integrated by Directive 2007/47/EC



EVOLASER 1064

(ordering code EVO.1064) High-power laser therapy

EVOLASER 1064 allows for a variety of therapeutic applications, making it the most versatile laser device on the market:

- High output power;
- Continuous and pulsed mode up to 10.000Hz;
- Duty cycle range from 20% to 80%;
- Possibility to create complex programs by combining the point-to-point and scanning methods;
- Adjustment of sweep frequency and duty cycle;
- Use of the beam expander for treatment of large areas;
- BURST emission mode;
- Test of the power actually released.

The EVOLASER 1064 incorporates a computer that provides almost infinite programming capabilities and allows the operator to enter the patient's data including information on the history and evolution of patient's disease.

The use of US-made latest-generation laser modules, combined with ultra-high efficiency (ultra-low attenuation) optical fibre suitable to transport several hundreds Watts, ensures the EVOLASER 1064 unit emits a high-quality, ultra-pure laser beam. Thanks to this excellent quality, the laser beam can penetrate at more than 10 cm depth.



MAIN FEATURES

- A convenient USB connection allows transfer of patient's data to an external database, as well as software updating.
- With its innovative **T.E.C. System (Total Emission Control)**, the EVOLASER 1064 provides unequalled parameter flexibility, allowing ultra high power density to be delivered without overheating tissues. The unit also features an automatic system for checking the amount of energy actually delivered to the patient.
- **M.P.P. System (Multi Parameters Protocols)**: extremely complex programs and protocols that will change frequency, duty cycle, duration pulse, sweep, rest/action frequency, intensity and relax time. All these parameters are automatically changed during the program without operator intervention.
- The power actually released at the laser handpiece can be verified through the system of integrated reading on the device. Similarly, it is possible to verify the efficiency and integrity of the optical fiber.

STANDARD EQUIPMENT

- 1 pc. - Operator Protective Goggles [1](OPO)
- 1 pc. - Power cable (C/A)
- 1 pc. - Footswitch [2] (D02.00605)
- 1 pc. - Patient protective goggles [3](OPP)
- 1 pc. - Compressed air spray [6](B02.00041)



OPTIONAL EQUIPMENT

- Cone for treat. 30 cm² [3] (A01.00102)
- Cone support arm [4] (A01.00098)
- Evoline trolley [5] (A01.00072)
- Arm holder [6] (A01.00099)
- Trolley bag [7] (A01.00101)



TECHNICAL DATA

Laser Source:	GaAlAs laser diodes.
Wavelength:	1064 nm
Guide light:	Laser 635 nm (±3%), < 3mW
Operation:	Continuous (CW), pulsed, hyper-pulsed, M.P.P. (Multi Parameter Protocol), T.E.C. (Total Emission Control), S.P.S. (Scanner Point Scanner)
Fibre output power:	13 W (CW)
Target indicator:	3 mW red laser pointer
IR Spot Size:	1.70 cm ² at 1 cm distance from patient's skin; 30 cm ² beam expander area
Time:	Digital indication of actual treatment duration
Power Supply:	110/230 V~, 50/60 Hz
Input:	145 VA
Weight:	4.7 Kg
Dimensions:	27 x 44 x 23 cm
Class:	4
Insulation class:	Class I - BF type



Equipment compliant with
Directive 93/42/EEC integrated by
Directive 2007/47/EC



EVOLASER EASY

Electro Therapy Equipment



High-power laser therapy

(ordering code EVO.1064/E) EVOLASER EASY 1064

EVOLASER EASY allows for a variety of therapeutic applications, making it the most versatile laser device on the market:

- High output power;
- Continuous and pulsed mode up to 10.000Hz;
- Duty cycle range from 20% to 80%;
- Possibility to create complex programs by combining the point-to-point and scanning methods;
- Adjustment of sweep frequency and duty cycle;
- Use of the beam expander for treatment of large areas;
- BURST emission mode;
- Test of the power actually released.

The EVOLASER EASY incorporates a computer that provides almost infinite programming capabilities and allows the operator to enter the patient's data including information on the history and evolution of patient's disease.

The use of US-made latest-generation laser modules, combined with ultra-high efficiency (ultra-low attenuation) optical fibre suitable to transport several hundreds Watts, ensures the EVOLASER EASY unit emits a high-quality, ultra-pure laser beam. Thanks to this excellent quality, the laser beam can penetrate at more than 10 cm depth.

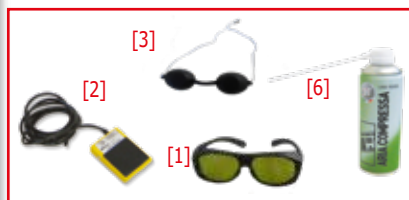


MAIN FEATURES

- A convenient USB connection allows transfer of patient's data to an external database, as well as software updating.
- With its innovative **T.E.C. System (Total Emission Control)**, the EVOLASER EASY provides unequalled parameter flexibility, allowing ultra high power density to be delivered without overheating tissues. The unit also features an automatic system for checking the amount of energy actually delivered to the patient.
- **M.P.P. System (Multi Parameters Protocols)**: extremely complex programs and protocols that will change frequency, duty cycle, duration pulse, sweep, rest/action frequency, intensity and relax time. All these parameters are automatically changed during the program without operator intervention.
- The power actually released at the laser handpiece can be verified through the system of integrated reading on the device. Similarly, it is possible to verify the efficiency and integrity of the optical fiber.

STANDARD EQUIPMENT

- 1 pc. - Operator Protective Goggles [1](OPO)
- 1 pc. - Power cable (C/A)
- 1 pc. - Footswitch [2] (D02.00605)
- 1 pc. - Patient protective goggles [3](OPP)
- 1 pc. - Compressed air spray [6](B02.00041)



OPTIONAL EQUIPMENT

- Cone for treat. 30 cm² [3] (A01.00102)
- Cone support arm [4] (A01.00098)
- Evoline trolley [5] (A01.00072)
- Arm holder [6] (A01.00099)
- Bag for Evolaser [7] (A01.00101)



TECHNICAL DATA

EVOLASER EASY 1064	
Laser Source:	GaAlAs laser diodes.
Wavelength:	1064 nm
Guide light:	Laser 635 nm (±3%), < 3mW
Operation:	Continuous (CW), Pulsed, Hyper-pulsed, (Multi Parameter Protocol), (Total Emission Control), (Scanner Point Scanner)
Fibre output power:	8 W (CW)
Target indicator:	3 mW red laser pointer
IR Spot Size:	- 1.70 cm ² at 1 cm distance from patient's skin; - 30 cm ² beam expander area
Time:	Digital indication of actual treatment duration
Power Supply:	110/230 V~, 50/60 Hz
Input:	145 VA
Weight:	4.7 Kg
Dimensions:	27 x 44 x 23 cm
Class:	4
Insulation class:	Class I - BF type

Equipment compliant with Directive 93/42/EEC integrated by Directive 2007/47/EC




(ordering code CYB.MAG) Magnetic field therapy


CYBORG MAG is the latest and most advanced device that delivers pulsed magnetic fields (ELF) for **magnetic therapy applications**. This device combines extremely innovative features and advanced options. The unit provides a choice of **nine basic magnetic fields waveforms**, all of which can be modified and arranged in a sequence creating unlimited combination. It also offers the **widest range of operating frequencies** available on the market (5 to 300 Hz). A **touch screen high-resolution display** for guarantees simple operation and provides enhanced readin quality and great flexibility of use.

The device comes with a choice of four applicators of different size and design, which can be used simultaneously and with different programs to **treat up to four patients at a time with 4 different programs**. The product has **very high power** levels (up to four coils can be operated simultaneously and independently of each other). A **large number of resident programs** for the treatment of a wide range of pathologies.



IMPORTANT NOTE:
Ordering code "CYB.MAG" you will receive only central unit with standard equipment!

MAIN FEATURES	STANDARD EQUIPMENT	TECHNICAL DATA
<ul style="list-style-type: none"> • Frequency range 5÷300 Hz • Magnetic field of 300 Gauss (Peak to Peak) • A variety of waveforms available • 4 independent output channels • Wide choice of applicators (coils) • Possibility to use 2 pairs of coil simultaneously • Fully computerised • Large protocol library • Possibility to store complex protocols • Bibliography and application notes available on screen • Patients records file • Simultaneous multi-patient treatment sessions up to 4 different therapies • Completely programmable • Therapy bed of rugged aluminium (or wooden) structure with Simple positioning of lumbar coil. 	1 pc. - Magnet [1] (MGN) 1 pc. - Power cable (C/A)	Number of output: 4 Field Pilot Signal: 9 waveforms: -Sinusoidal unipolar or bipolar -Triangular unipolar or bipolar -Rectangular unipolar or bipolar -Sinusoidal alternating unipolar -Triangular alternating unipolar -Rectangular pulses
	OPTIONAL EQUIPMENT	Frequency: 5÷300 Hz 4 applicators: - Ø 7.5 cm - Ø 15 cm - Ø 30 cm limb coil - Ø 60 cm lumbar coil Max. magnetic induction: 300 G _{pp} for Ø 15 cm and Ø 7.5 cm coils 150 G _{pp} for Ø 30 cm coil 100 G _{pp} for Ø 60 cm coil Indications: LCD 5.7" 640x480 Touch screen full display of operating parameters Timer: Adjustable with end of treatment acoustic signal and automatic stop of operation Power Supply: 115-230 V, 50-60 Hz Power Input: 300 VA Dim. central unit: 36 x 42 x 36 cm Weight central unit: 9 Kg. Dimensions of bed: 200 x 50 x 60 cm Weight of bed: 40 Kg. Lumbar Coil: Ø 60 cm, Length 40 cm Limb Coil: Ø 30 cm, Length 10 cm Insulation class: Class I - B Type
	<ul style="list-style-type: none"> • Evoline Trolley [2] (A01.00056) • Ø 60 cm, L 40 cm lumbar coil [3] (A01.00094) • Cable for Lumbar coil (A01.00095) • Ø 30 cm Limb coil [4] (A01.00064) • Cable for Limb coil (A01.00093) • Ø 15 cm coils [5] (A01.00083) • Red cable for Ø 15 cm coils [6] (A01.00090) • Black cable for Ø 15 cm coils [7] (A01.00091) • Red Ø 7.5 cm coil [8] (A01.00092_R) • Black Ø 7.5 cm coil [9] (A01.00092_N) • 100 cm elastic straps [10] (F7) • Aluminium therapy bed [11] (A01.00006) • Wooden therapy bed [12] (A01.00040) 	
		

Equipment compliant with Directive 93/42/EEC integrated by Directive 2007/47/EC  0476

MG Wave (evo)

(ordering code 7W00) Magnetic field therapy

MG WAVE is a portable unit for therapy with low-frequency Pulsating Electromagnetic Fields (ELF-PEMF)

PATIENTS DATABASE

allows storing:






- patients data
- pathology
- description of treatment
- Treatment customisation
- Evaluation of pain level at the beginning and at the end of treatment

Our patient database provides immediate access to the customized treatment allowing it to be easily and quickly repeated.

PROGRAMS AND SEQUENCES

Huge memory to store new programs and sequences of combined programs. this allows creating customized treatments tailored to the patient's specific needs.



MAIN FEATURES	OPTIONAL EQUIPMENT	TECHNICAL DATA																														
<ul style="list-style-type: none"> • High output power • Simple parameter setting • Pre-set programs for the most common pathologies • Easy coil positioning • Flat coils or circular coil for cervical or lumbar treatments • Ample graphic display showing all output parameters • Patients database • Possibility to store modified programs and protocol sequences 	<ul style="list-style-type: none"> • Ø 30 cm limb coil [6] (A01.00064) • Ø 60 cm lumbar coil [7] (A01.00063) • Aluminium therapy bed [8] (A01.00006) • Wooden therapy bed [9] (A01.00040) • Coil Ø15 cm North (N) [10] (A01.00109) • Coil Ø15 cm South (S) [11] (A01.00129) • Cable for coils (A01.00133) • Limb/lumbar coil cable [12] (A01.00065) • Vest [13] (GIL) • Evoline bag (A02.00241) • Evoline trolley [14] (A01.00056) • Tray for Evoline trolley [15] (A01.00047) 	<table border="1"> <tr><td>Number of output:</td><td>2</td></tr> <tr><td>Field Pilot Signal:</td><td>rectangular</td></tr> <tr><td>Pulse Duration:</td><td>up to 5 ms</td></tr> <tr><td>Frequency:</td><td>1 ÷ 750 Hz</td></tr> <tr><td>Max. B induction:</td><td>160 Gauss (Peak) for Ø 15 cm and Ø 7.5 cm coils 65 Gauss (Peak) for Ø 30 cm coil 50 Gauss (Peak) for Ø 60 cm coil</td></tr> <tr><td>Timer:</td><td>0÷240 min., end-of-treatment acoustic signal and automatic interruption of operation</td></tr> <tr><td>Power Supply:</td><td>115 - 230 Vac, 50 - 60 Hz</td></tr> <tr><td>Input:</td><td>55 VA</td></tr> <tr><td>Dimensions:</td><td></td></tr> <tr><td>- Central unit:</td><td>27 x 32.8 x 23 cm (LxWxH)</td></tr> <tr><td>- Flat coils:</td><td>Ø 15 cm each</td></tr> <tr><td>Weight:</td><td></td></tr> <tr><td>- Central unit:</td><td>3.8 Kg</td></tr> <tr><td>- Flat coils:</td><td>750 gr. each</td></tr> <tr><td>Insulation class:</td><td>Class I - BF type</td></tr> </table>	Number of output:	2	Field Pilot Signal:	rectangular	Pulse Duration:	up to 5 ms	Frequency:	1 ÷ 750 Hz	Max. B induction:	160 Gauss (Peak) for Ø 15 cm and Ø 7.5 cm coils 65 Gauss (Peak) for Ø 30 cm coil 50 Gauss (Peak) for Ø 60 cm coil	Timer:	0÷240 min., end-of-treatment acoustic signal and automatic interruption of operation	Power Supply:	115 - 230 Vac, 50 - 60 Hz	Input:	55 VA	Dimensions:		- Central unit:	27 x 32.8 x 23 cm (LxWxH)	- Flat coils:	Ø 15 cm each	Weight:		- Central unit:	3.8 Kg	- Flat coils:	750 gr. each	Insulation class:	Class I - BF type
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Weight:																																
- Central unit:	3.8 Kg																															
- Flat coils:	750 gr. each																															
Insulation class:	Class I - BF type																															
<h3>STANDARD EQUIPMENT</h3> <p>1 pc. - Coil Ø7,5 cm North (N) [1] (A01.00108) 1 pc. - Coil Ø7,5 cm South (S) [2] (A01.00124) 1 pc. - Cable for coils [3] (A01.00133) 2 pcs. - 100 cm elastic straps [4] (F7) 1 pc. - Magnet [5] (MGN)</p>																																
																																
<p>Equipment compliant with Directive 93/42/EEC integrated by Directive 2007/47/EC  0476</p>																																

(ordering code BH900) Magnetic field therapy

MAGNETOBOX is a portable unit for therapy with low-frequency pulsating electromagnetic fields (ELF-PEMF). It comes complete with a carry case for ease of transport. Large library of programs for the most common pathologies. Wide range of frequencies available (2 to 300 Hz).



MAIN FEATURES

- High output power of 160 gauss.
- Simple parameter setting.
- Pre-set programs for the most common pathologies.
- Easy coil positioning.

STANDARD EQUIPMENT

- 1 pc. - Coil Ø 7.5 cm (N) (A01.00108)
- 1 pc. - Coil Ø 7.5 cm (S) (A01.00124)
- 2 pcs. - Cable for coils (A01.00133)
- 2 pcs. - 100 cm Elastic straps (F7)
- 1 pc. - Magnet (MGN)
- 1 pc. - Magnetic field therapy kit case (VAL-24/3)



TECHNICAL DATA

Number of output:	2
Field pilot signal:	Rectangular
Frequency:	2 ÷ 300 Hz
Max. B induction:	160 gauss (peak) (±30%) on each coil
Timer:	0÷180 min., end of treatment acoustic signal and automatic interruption of operation
Power supply:	230 Vac, 50 Hz
Input:	30 VA
Dimensions:	
- Central unit:	13.5 x 18.5 x 6 cm, (LxWxH)
- Coils:	Ø 7.5 cm each
Weight:	
- Central unit:	1 Kg
- Coils:	250 gr. each
Insulation class:	Class II - BF type

(ordering code 08.501.001) 3-D traction table

Modern traction table for cervical and lumbar spine with three dimensional correction arrangement of laying surface using precise gas springs. Platinum allows to perform static, harmonic and intermittent traction. Touch screen panel greatly simplifies treatment process and patient database allows quick access to information about the progress in therapy and used treatment parameters.


PLATINIUM is used for:

- Prolapsed intervertebral disc (PID),
- Intervertebral disc degeneration/disease,
- Reduced joint mobility (stiffness of soft tissue),
- Hypermobility spondylitis (including blocking of zygapophysial joints),
- Nerve roots compression,
- Sciatica and shanks pain.



Watch the VIDEO!



FEATURES	TECHNICAL DATA	
<ul style="list-style-type: none"> • Three dimensional adjustment of the table bed, • Safe dosage of traction forces, with preset maximum, impassable values for each of the traction treatment in the supine or prone position, • Symmetrical and asymmetrical traction, • Modern and efficient solution for cervical traction (no load on temporomandibular joints), • Table lumbar part is electrically extended during traction, which eliminates the friction force between the patient and table, • Adjustable parameters: type of traction, force, time in which the force will be increased to the max value or decreased, escalation, treatment time, duration of active phase and the time interval, • Possibility to save own treatment programs, • 7" colour touch screen on a movable support arm, • Set of accessories included (2 stabilization belts, adjustable footrest, remote emergency shutdown button), • Wide variety of upholstery colours. 	<p>Power supply: 160 W</p> <p>Power input: 110-240 V / 50-60 Hz</p> <p>Weight: 145 Kg</p> <p>Dimensions (L x W): 227 x 73 cm</p> <p>Electronical adjustable Height: 58-88 cm</p> <p>Safety Class: I B</p> <p>3 Parts table with:</p> <ul style="list-style-type: none"> - Section for head with adjustable position: -44° and +36° - Section for chest - Section for pelvic and legs with adjustable position: <ul style="list-style-type: none"> • Headrest: -44° and +36° • Flexion/Extension: -14° and +12° • Adduction/Abduction: -20° and +20° • Internal/External rotat.: -12° and +12° - Kinds of traction: constant and harmonious 	<ul style="list-style-type: none"> - Maximum strenght of the cervical traction: 18 Kg. - Maximum strenght of lumbar traction: 90 Kg. - Adjustable following parameters: type of traction, power, speed, escalation, time of treatment, active phase and break time - Possibility to program: programmable traction phase sequence in a single operation - Display: 7" color touch screen display - Maximum load: 150 Kg.
	STANDARD EQUIPMENT	<p>2 pcs. - Belts [1]: (08.022.003)</p> <ul style="list-style-type: none"> • One to stabilize the lumbar spine • One to stabilize the toracic spine <p>1 pc. - Stool [2] (08.501.003)</p>
<p>Equipment compliant with Directive 93/42/EEC integrated by Directive 2007/47/EC </p>		

Rehabilitation Equipment



Rehabilitation Equipment



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Rehabilitation in Virtual Reality

ACX.Rehab is a concept of modern rehabilitation in virtual reality combining proven classical methods of therapy with the possibilities of modern technology.

According to the **ACX.Rehab** concept, we achieve the highest quality results of rehabilitation because of using support of virtual reality. ACX.rehab combines three main components:

research and rehabilitation capabilities of stabilometric, dynamographic and balance platforms
 rehabilitation capabilities of medical devices working under the control of safe elastic resistance
 software that allows to take advantage of virtual reality

ACX.REHAB IS DESIGNED FOR PHYSICAL, OCCUPATIONAL AND COGNITIVE THERAPY

We create a fully-featured virtual reality exercise and diagnostic system with the flexibility to work for everyone from small physiotherapy practices to the largest hospitals in the world.



SOFTWARE

ACX.Rehab makes the rehabilitation process more objective, and thanks to the intuitiveness of the software used in **ACX.Rehab** it supports physiotherapists daily work. All data including tests, every rehabilitation exercise and its results are collected automatically in individual patient cards, so that it is always possible to check and evaluate the improving of patient's health.

ACX.Rehab is a rehabilitation concept in virtual reality with the flexibility to work for everyone from small physiotherapy practices, to the largest hospitals. It's easy to explain, making it perfect for therapists looking for convenient way to make their patients more motivated to participate in their rehabilitation process.

The software used in **ACX.Rehab** automatically tracks the progress of the patient, so therapists spend less time completing the documents and have more time to treat their patients. Thanks to **ACX.Rehab**, physiotherapists gain access to a range of proven performance indicators from many categories. The software is easy to use, fully configurable, integrates all patient records and has the ability to generate reports based on measurements and the rehabilitation process.

ACX.REHAB creates a kind of feedback loop between a patient performing rehabilitation exercises and a physical therapist. In real time the therapist can monitor the patient's performance and adjust parameters of the gamified exercises to match the patient's individual recovery needs.





ACX.REHAB integrates wide range of 3rd party hardware products, so by learning to use the system once - therapists are able to work with patients using various medical devices. We have over 10 years of experience implementing software solutions for hospitals and physiotherapy centers of all shapes and sizes. We take the time to understand clinicians' needs so that we can provide them with the best solution on the market, designed exactly to match their requirements.

ACX.REHAB creates a kind of feedback loop between a patient performing rehabilitation exercises and a physical therapist. In real time the therapist can monitor the patient's performance and adjust parameters of the gamified exercises to match the patient's individual recovery needs. By using the "Therapist Panel" therapist is able to control all the computers running **ACX.REHAB** "Patient Panel" available in the same network by cable or Wi-Fi.

ACX.REHAB is easy to learn and use, making it perfect for therapists looking for convenient way to make their patients more motivated to participate in their rehabilitation process. **ACX.REHAB** automatically tracks patient's progress, so therapists spend less time doing the paperwork. And we deliver **ACX.REHAB** in the cloud, on-premises, or with a hybrid combination.

ACX.REHAB uses a wide variety of therapeutic tasks to enable training in all rehabilitation domains:

MUSCULOSKELETAL • range of motion • strength • endurance • fitness and cardiovascular training

BALANCE AND EQUILIBRIUM • trunk and postural control • anticipatory postural responses • adequate reactions to stimuli and distractors placed in preplanned positions or random • crossing the midline

NEUROLOGICAL • movement quality • movement awareness and proprioception • bilateral movements

COGNITION • memory • perception • planning • executive functions

- We are ISO 13485 certified
- There are 12 devices currently connected to **ACX.REHAB** and we are working to connect more
- There are over 120 movement patterns to control the therapeutic tasks. The therapist decides whether the elements in games respond to movement of head, hand or something more complicated like sit-ups
- There are 26 joints in human body Kinect is able to track
- There are 32 therapeutic tasks included in **ACX.REHAB** and all of them provide plenty of parameters and difficulty levels. By having those options – therapists are able to prepare trainings that let patients experience positive emotions, keep motivation and become more self-confident
- There are 9 diagnostics test included in **ACX.REHAB** and we are working to create more of them
- Less than a minute is the time needed to start working with new patient
- We have our software in 23 countries
- **ACX.REHAB** collects data in 10 categories: range of motion, movement times, divided attention, functional movements, problem solving, memory, movement precision, speed, balance and a bunch of specialized tests e.g. Romberg Test
- **ACX.REHAB** is available in 7 languages
- There are 3 simple ways for patient to log into the system. Patients can use traditional login and password, they can use smart cards or they can be logged in remotely by their therapist.



THERAPIST'S PANEL

(ordering code 18.166.115)

ACX.REHAB THERAPIST'S PANEL is used to securely access patient's performance metrics enabling clinicians to remotely monitor patient's progress, configure tasks, modify rehabilitation programs and communicate with patients.

THERAPIST'S PANEL can be installed on desktop and/or laptop and/or tablet. By using ACX.Rehab Therapist's Panel you can control each PATIENT STATION in real time. You can take care of several patients simultaneously. Regardless of the number of PATIENT STATIONS you own - you only need one Therapist's Panel to manage all of them.



MINIMUM REQUIREMENTS

1x platform or 1x device with elastic resistance

Therapist's station (the main station of ACX.rehab concept), which includes:

Monitor with touch screen 22' or larger; PC computer with Intel Core i3 3.70GHz or better, RAM DDR4 2133MHz 8GB or larger, SSD 120 GB or larger, PCI-E GeForce GTX1050 OC 2GB GDDR5 graphics card or equivalent and Microsoft Windows 10; Keyboard with integrated mouse; Wi-Fi router; stable stand on wheels

Accessory set (element of ACX.rehab) which includes:

TV for a patient min. 40'; PC computer with Intel Core i3 3.70GHz or better processor, RAM DDR4 2133MHz 8GB or more, SSD 120 GB or larger, PCI-E GeForce GTX1050 OC 2GB GDDR5 graphics card or equivalent and Microsoft Windows 10; keyboard with integrated mouse; stable stand on wheels

CAPABILITIES

- Create patient accounts
- Start and plan workouts
- Manage home therapy
- Analyze reports
- Verify whether all patients are exercising correctly
- Adjust task difficulty while patient is exercising
- Find patients who need attention



Full body training with KINECT



(ordering code 18.166.110) Full body training with 3D camera

KINECT is a perfect example of using modern technology in the rehabilitation that allows physiotherapists to work with any group of patients. Kinect allows to work with patients in specific ranges of movements, engaging selected body segments, allows starting in many positions and using additional devices.

Due to these properties, Kinect works in post-traumatic, post-operative, orthopedic and neurological rehabilitation in both children and adults. Kinect is also used in rheumatic and geriatric rehabilitation.

Kinect is part of the **ACX.Rehab** concept that uses software that makes patients aware of the challenges they face and the progress they have made in rehabilitation, which increases their motivation.



DESCRIPTION

Our core "3D Camera Base pack" module for **ACX.Rehab** contains therapeutic tasks in almost all rehabilitation domains. It lets therapists support functional, occupational and cognitive therapy for patients struggling with cerebral, neurogenic, spinal, muscular or bone-related disorders.

FEATURES

ACX.Rehab "3D Camera Base pack" can be used in the case of:

- Cerebro Vascular Accidents
- Multiple sclerosis
- Cerebral palsy
- Parkinson`s Disease and Ex-trapyramidal Syndromes
- Brain-tumor operations
- Spinal cord injuries
- Traumatic brain injury
- Muscular atrophy
- Deconditioning - muscle weakness due to lack of mobility
- Endoprosthesis for hip, knee, elbow and shoulder joints
- Following stable fractures of vertebra and/or extremities
- Limb amputations with or without prosthesis
- Balance and Equilibrium disturbances.

APPLICATION

- Analysis range of movements,
- Dynamic and static movements,
- Train the patient`s balance,
- Measurement of the angles, velocity and acceleration,
- Extensive data analysis capabilities,
- Ready protocols and the ability to create your own exercises with integrated real-time biofeedback,
- Objectification of the rehabilitation process,
- Adaptation of the exercise difficulty level to the current needs of the patient.

EFFECTS

- Improving the range of movements
- Increased muscle strength and endurance
- Improving stabilization
- Improving coordination

STANDARD ACCESSORIES

- 3D Camera
- PC software
- Cables and power supply necessary for the proper operation
- Rack with integrated computer and monitor



(ordering code 18.166.101) Stabilometric platform

ALFA is a modern stabilometric platform that allows both the balance assessment and training with neurological and orthopedic patients.

This device helps to increase the performance of the patients after head injuries, stroke and also suffering from multiple sclerosis, Parkinson's disease and muscle dysfunction. Additionally, it accelerates recovery after fractures and sprains of ankle and knee and hip dislocation. **ALFA** also allows treatment of patients after amputations of lower limbs. Training on the platform aims at stimulation of musculoskeletal and nervous systems elements responsible among others for controlling balance.

Due to these features, **ALFA** platform is particularly useful in the post-traumatic, post-surgical, orthopedic and neurological rehabilitation. It is also suitable for sports, rheumatological and geriatric-rehabilitationhis posture.

ALFA as a part of **ACX.Rehab** concept, using software so that the patient is aware of the challenges and progress in rehabilitation which increases patients motivation.



CAPABILITIES

- Evaluation of static and dynamic parameters involved in maintaining balance on a stable surface
- Analysis of the COP during testing and training

BENEFITS

- Improved sense of balance •learning of proper posture
- Improved joint stabilization through proprioceptive reeducation
- Improved muscle coordination



STANDARD EQUIPMENT

- 1 pc. - ALFA stabilometric platform [1]
- 1 pc. - Platform with a handrail
- 1 pc. - Tripod with a camera
- 1 pc. - PC software
- 1 pc. - Rack with integrated computer and monitor
- 1 pc. - Cables necessary for the proper operation

TECHNICAL DATA

- Dimensions: 55 cm x 55 cm x 7 cm (Length x width x height)
- Weight: 27 kg



(ordering code 18.166.100) Dynamographic platform

GAMMA is a modern two-plate dynamographic platform that enables both the testing and training of neurological and orthopedic patients.

GAMMA provides professional training for athletes and patients with impaired body balance and coordination. Its additional advantage is the possibility of free setting of the two plates to each other which enables the training of athletes in the particular, closely related to their sports discipline position.

Due to these properties, the **GAMMA** platform is particularly useful in the post-traumatic, post-surgical, orthopedic and neurological rehabilitation. GAMMA is also used in sports, rheumatological and geriatric rehabilitation.

GAMMA as a part of **ACX.Rehab** concept, using software so that the patient is aware of the challenges and progress in rehabilitation which increases patients motivation.



MAIN FEATURES

- Analysis of loads redistribution in the vertical axis,
- Dynamic and static load measurement,
- Assessment of the patient`s balance,
- Measurement of the force, velocity and acceleration,
- Extensive data analysis capabilities,
- Ready measurement protocols and the ability to create your own exercises with integrated real-time biofeedback,
- Objectification of the rehabilitation process,
- Adaptation of the exercise difficulty level to the current needs of the patient.

EFFECTS

- Learning of the proper loading of the limbs,
- The opportunity to evaluate ground reaction forces during any movement,
- Improved stabilization of joints by proprioceptive reeducation,
- Improved muscle coordination.

STANDARD EQUIPMENT

- 2 pcs.- GAMMA dynamographic platform [1]
- 1 pc. - Cable
- 1 pc. - Software
- 1 pc. - Manual
- 1 pc. - USB camera High stand [2]
- 1 pc. - USB camera Low stand [3]
- 1 pc. - Podium with handrail [5]



(ordering code 18.166.102) Balance platform

SIGMA is a device for training balance and proprioception. The platform is equipped with an independent system for assessment of the swing angle using a specialized sensor that detects any change in the position of the platform. It processes these changes to the appropriate output signal and transmits data wirelessly in real time to a computer with the software.



Due to these properties, the **SIGMA** platform is particularly useful in the post-traumatic, post-surgical, orthopedic and neurological rehabilitation. **SIGMA** is also used in sports, rheumatological and geriatric rehabilitation.

SIGMA as a part of **ACX.Rehab** concept, using software so that the patient is aware of the challenges and progress in rehabilitation which increases patients motivation.



IMPORTANT NOTE:
The equipment platform is a wireless connection to the PC platform and includes a USB module to collect the signal.



MAIN FEATURES	SOFTWARE	STANDARD EQUIPMENT										
<ul style="list-style-type: none"> • Classic proprioceptive training • Training in one or two planes • Exercises in standing or sitting • Unilateral and bilateral exercises of the lower limb • Exercises of the upper limbs • Exercise with integrated real time biofeedback • Objectification of the rehabilitation process • Ability to adapt the level of difficulty of exercises to the current needs of the patient 	<ul style="list-style-type: none"> • Full archive of data obtained during an interview with the patient • Carry out exercises • Use ready-made training programs • Saving records achieved during the exercise • Set parameters of exercise depending on individual patient needs. • Biofeedback - acoustic and visual feedback for the patient during exercise • Video games 	<ul style="list-style-type: none"> 1 pc. - Balance platform [1] 4 pcs. - 360° inserts [2] (SIG.01) 1 pc. - Single-axis (anteroposterior or lateral) inserts [3] (SIG.02) 1 pc. - USB modem [4] (SIG.03) 4 pcs. - Rechargeable batteries [5] 1 pc. - Battery charger [5] 1 pc. - Anti-slip mat [6] (SIG.04) 1 pc. - CD software [7] 1 pc. - Accessory case [8] (18.166.014) 1 pc. - USB camera low stand [9] (18.166.018) 										
<h3>EFFECTS</h3> <ul style="list-style-type: none"> • Improved sense of balance • Improved trunk stability • Improved stabilization of joints by proprioceptive reeducation • Improved muscle coordination 												
<h3>TECHNICAL DATA</h3> <table border="1"> <tr> <td>Platform diameter</td> <td>42cm</td> </tr> <tr> <td>Weight</td> <td>6,5 kg</td> </tr> <tr> <td>Range of forward</td> <td>Dackward tilting: +15°/-15°</td> </tr> <tr> <td>Range of left</td> <td>Right tilting: +15°/-15°</td> </tr> <tr> <td>Power supply</td> <td>AAA type batteries/rechargeable cells LR 03 1,5 V</td> </tr> </table>		Platform diameter	42cm	Weight	6,5 kg	Range of forward	Dackward tilting: +15°/-15°	Range of left	Right tilting: +15°/-15°	Power supply	AAA type batteries/rechargeable cells LR 03 1,5 V	
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Power supply	AAA type batteries/rechargeable cells LR 03 1,5 V											

(ordering code 18.166.108) Shoulder therapy with elastic resistance

VECTIS uses elastic resistance in the comprehensive rehabilitation of the shoulder joint. The device can perform the following movements:

internal / external rotation
abduction/adduction
flexion/extension

The device is designed to work with elastic resistance elements, which the most important advantage is to generate a slight resistance in the initial phase of the movement, increasing evenly in the later stages of the exercise.

Due to these properties **VECTIS** is particularly useful in the post-traumatic, post-surgical, orthopedic and neurological rehabilitation. The device is also used in sports rehabilitation, rheumatology and geriatrics.

VECTIS as a part of **ACX.Rehab** concept, using software so that the patient is aware of the challenges and progress in rehabilitation which increases patients motivation.



MAIN FEATURES

- Precise assignment of range of final movement
- Facility of setup of rest angle (angle with zero resistance) for each exit position
- Perfect stability of machine provide safety and comfort for patient
- Cordless communication device with computer - USB bluetooth communication
- Readable and clear software
- Simple and easy operating

Application:

- Measurement of the range of motion,
- Measurement of the generated power,
- Dynamic exercises,
- Isometric exercises,
- Exercise with integrated real time biofeedback,
- Objectification of the rehabilitation process,
- Ability to adapt the level of difficulty of exercises to the current needs of the patient.

Software:

- Evaluation of dynamic parameters of shoulder muscles
- Mark out the range of motion and its evaluation
- Individual parameters of training for any patient
- Measurement of torque in isometric conditions with respect to any angle pre-set by the operator
- Measurement of torque in dynamic conditions
- Re-education of pattern of movement with using substitute, returnable information (Biofeedback)
- Storage patient data, results of tests and trainings
- Saving and comparing results of tests and trainings
- Report shows results of tests and trainings
- Videogames



TECHNICAL DATA

Load type	Modular resistance with up to 16 rubber bands (16 levels)
Dimensions	138 x 80 x 160 cm (maximum height)
Adjustment for patient height	150 – 200 cm
Weight	50 Kg
Max weight of patient	120 kg

STANDARD EQUIPMENT

- Trolley with touch screen PC



VECTIS MINI

(ordering code 18.166.109) Shoulder Therapy in rotation with elastic resistance

Vectis Mini uses elastic resistance in the comprehensive rehabilitation of the shoulder joint.

The device can perform the following movements:
- internal/external rotation

Vectis Mini is designed to work with elastic resistance elements, which the most important advantage is to generate a slight resistance in the initial phase of the movement, increasing evenly in the later stages of the exercise.

Due to these properties **Vectis Mini** is particularly useful in the post-traumatic, post-surgical, orthopedic and neurological rehabilitation.

The device is also used in sports rehabilitation, rheumatology and geriatrics.

Vectis Mini as a part of **ACX.Rehab** concept, using software so that the patient is aware of the challenges and progress in rehabilitation which increases patients motivation.



MAIN FEATURES

Capabilities:

- Measurement of the range of motion
- Dynamic exercises
- Exercise with integrated real time biofeedback
- Objectification of the rehabilitation process
- Ability to adapt the level of difficulty of exercises to the current needs of the patient

Benefits:

- Increased range of motion through active movements
- Increased muscle strength and endurance
- Improved stabilization of joints by proprioceptive reeducation
- Improved muscle coordination

Software:

- Easy to use
- Fully configurable
- Ability to save training and replay it later
- Integrated patient records
- Ability to generate reports based on performed measurements

Equipment compliant with Directive 93/42/EEC



TECHNICAL DATA

- Dimensions: 616x670x805 mm (Length x width x height)
- Weight: 27 kg
- Wireless/wired communication device to the PC

STANDARD ACCESSORIES

- Device with a modern sensor for measuring the angle
- Radio receiver module for PC
- PC software
- A set of resistance elastics
- Cables and power supply necessary for the proper operation
- Trolley with touch screen PC
- Rack with integrated computer and monitor



CUBITO

Rehabilitation Equipment

(Ordering code: 18.166.106) Rehabilitation of the forearm and wrist

Cubito uses elastic resistance in the comprehensive rehabilitation of forearm and wrist.

The device can perform the following movements:

- adduction/abduction
- internal/external rotation
- dorsal/palmar flexion

Cubito has been designed to operate using elastic resistance elements, which the most important advantage is to generate a slight resistance in the initial phase of the movement, evenly increasing in the subsequent phases of the exercise. Due to these properties **Cubito** is particularly useful in the post-traumatic, post surgical, orthopedic and neurological rehabilitation.

The device may be also used in sports rehabilitation, rheumatology and geriatrics.

Cubito as a part of **ACX.Rehab** concept, using software so that the patient is aware of the challenges and progress in rehabilitation which increases patients motivation.



ACX REHAB

MAIN FEATURES

Capabilities:

- Measurement of the range of motion
- Dynamic exercises
- Exercises with integrated real-time biofeedback
- Objectification of the rehabilitation process
- Adaptation of the exercise difficulty level to the current needs of the patient

Benefits:

- Increased range of motion through active movements
- Increased muscle strength and endurance
- Improved stabilization of joints by proprioceptive reeducation
- Improved muscle coordination

Software:

- Easy to use
- Fully configurable
- The ability to save training and re-play it later
- Integrated patient records
- Ability to generate reports based on your measurements

Equipment compliant with Directive 93/42/EEC



TECHNICAL DATA

- Dimensions 620x400x950 mm
- Weight 35 kg
- Wireless/wired communication to the PC



STANDARD ACCESSORIES

- Device with a modern sensor measuring the angle
- Radio receiver module to a PC
- PC software
- A set of resistance elastics
- Cables and power supply necessary for the proper operation
- Trolley with touch screen PC



(ordering code 18.166.105) Lower extremities therapy in closed kinematic chain

TELKO is used in the comprehensive rehabilitation of the lower extremities in a closed kinematic chain. The device can perform the following movements: flexion / extension

TELKO uses elastic resistance, which the most important advantage is to generate a slight resistance in the initial phase of the movement, increasing evenly in the later stages of the exercise. The device also uses an integrated two-plate dynamographic platform that extends the training with balance and coordination exercises. Due to these properties Telko is particularly useful in the post-traumatic, post-surgical, orthopedic and neurological rehabilitation. It is also used in sports rehabilitation, rheumatology and geriatrics.

TELKO is part of the **ACX.Rehab** concept which using software that makes patients aware of the challenges they face and the progress they have made in rehabilitation, which increases their motivation.



ACX REHAB

MAIN FEATURES

- Adjustable resistance with pre-selection of elastic (8 level of resistance)
- Exercising is possible in sitting and supine positions
- Adjustment of footboard for each leg independently
- Modern design and ergonomic construction
- Simple and readable software



Simple and easy adjustment of elastic workload to the individual patient needs.



Adjustment of footboard for each leg independently

Capabilities:

- Measurement of the range of motion
- Dynamic exercises
- Exercises with integrated real-time biofeedback
- Objectification of the rehabilitation process
- Ability to adapt the level of difficulty of exercises to the current needs of the patient

Benefits:

- Increased range of motion through active movements
- Increased muscle strength and endurance
- Improved stabilization of joints by proprioceptive reeducation
- Improved muscle coordination

Software:

- Easy to use
- Fully configurable
- Ability to save training and replay it later
- Integrated patient records
- Ability to generate reports based on performed measurements

TECHNICAL DATA

- Dimensions 1890 x 580 x 1170 mm
- Weight 120 kg

STANDARD EQUIPMENT

- Device with a modern sensor measuring the angle
- Radio receiver module for PC
- PC software
- A set of resistance elastics
- Cables and power supply necessary for the proper operation
- Rack with integrated computer and monitor



MINI TENSOR

(ordering code 18.166.006) Multiposition Therapy Device

Mini Tensor allow to perform multitask therapy with use of elastic resistance elements, which the most important advantage is to generate a slight resistance in the initial phase of the movement increasing evenly in the subsequent phases of the exercise.

Due to these properties **Mini Tensor** is particularly useful in the post-traumatic, post-surgical, orthopedic and neurological rehabilitation. The device is also used in sports rehabilitation, rheumatology and geriatrics.

Mini Tensor is a powerful device with very small dimensions. It enables performing a lot of rehabilitation exercises, stretching and strengthening – affecting the general physical condition of the body.



MAIN FEATURES

- Elastic resistance load with up to six tubings (6 workload levels from 0 to 30Kg)
- Exercising is possible in sitting, standing and supine positions
- Adjustable footrest
- Bed or couch fixing straps
- Stabilization feet for safe operation on the floor
- Visualization of R.O.M. and force
- Small dimensions and lightweight

Application:

- Mono-bipodalic work enclosed kinetic chain, concentric, eccentric and isometric
- Triple flexion, abduction and adduction of lower limb
- Triple flexion of the arm
- Proprioceptive reeducation to stabilize the joints
- R.O.M. recovery with active flexions/extensions
- Controlled muscular structure reinforcement
- Cardiovascular and lymphatic systems stimulation

OPTIONAL EQUIPMENT

- Carrying case (37010950)

TECHNICAL DATA

Load type	Modular resistance with up to 6 rubber bands - 6 levels (0-30Kg)
Dimensions:	104 x 30 x 19 cm (45cm with vertical footrest)
Weight	12kg



(Ordering code 18.166.107) Lower extremitas (Knee joint) therapy

JUPITER has been designed to operate using elastic resistance elements in the comprehensive rehabilitation of the knee joint.

The device can perform the following movements: flexion / extension.

The device has been designed to operate using elastic resistance elements, which the most important advantage is to generate a slight resistance in the initial phase of the movement, evenly increasing in subsequent phases of the exercise.

Due to these properties **JUPITER** is particularly useful in the post-traumatic, post-surgical, orthopedic and neurological rehabilitation. The device may be also used in sports rehabilitation, rheumatology and geriatrics.

JUPITER as a part of **ACX.Rehab** concept, using software so that the patient is aware of the challenges and progress in rehabilitation which increases patients motivation.



ACX REHAB

MAIN FEATURES

- Adjustable resistance with easy exchangeable two sets of elastomers (rubbers);
- Software allowing to choose between dynamic and isometric trainings, tests, measurement of motility with built-in goniometer, patient data base management;
- Changeable training parameters, allowing adaptation to patient capabilities;
- User friendly and easy to operate interface;
- Wireless and wired PC connection;
- Adjustment of tilt angle;
- Angle adjustment of shin arm position;
- Knee blockade and patient stabilizing belts;
- Strong and stable construction.

STANDARD EQUIPMENT

- 1 pc. - Chair with two different elastomers (rubbers) set
- 2 pcs. - USB Cable
- 1 pc. - Software
- 1 pc. - Power supply unit
- 1 pc. - Manual
- 1 pc. - Trolley with touch screen PC (18.166.017)
- 1 pc. - Stand with integrated PC and Touch Screen monitor (18.166.038)

TECHNICAL DATA

Training difficult level adjustment:	1-5 rubbers (set of 5 thin and 5 thick rubbers included)
Dimensions (LxWxH):	140 x 95 x 140 cm
Weight:	120 kg
Required space:	170 x 140 cm



PRIMA ISO • PRIMA PLUS

Rehabilitation Equipment

(ordering code 80000400 • 80000450) Multi-Joint isokinetic system

Isokinetics is an essential methodology in modern rehabilitation practice. The knowledge of the advantages and the limits associated with this method, combined with the long experience acquired working with users, has allowed the creation of the **PRIMA ISO**.

This is a compact, user-friendly, cost-effective unit, developed to optimise the advantages of isokinetic method. The **PRIMA ISO** utilises a hydraulic brake to improve the movement fluidity while ensuring the patient's complete safety.

The dynamometric brake is integrated in the seat support structure for maximum compactness. The control console is designed to house a small accessory basket. The **PRIMA ISO** is a complete system for rehabilitation, training and evaluation. All measured data can be displayed in real time and saved for post-processing. The completely new software, developed with new technologies for Windows™, is user-friendly and provides an amusing video game designed to enhance the patient's motivation.

The programmable software ensures maximum safety for the patient (the range of motion can be limited at any point of the movement either by mechanical stops or via software setting). The system allows storage and printing of comprehensive modular final reports via simple operations. With the **PRIMA PLUS**, furthermore, there is the possibility to have an active function of the machine.



MAIN FEATURES	CONFIGURATION	MOTION CONTROL
<p>Types of movement:</p> <ul style="list-style-type: none"> • Isokinetic • Inertial isotonic • Hydrodynamic <p>Main measured parameters:</p> <ul style="list-style-type: none"> • Speed • Torque (peak, average) • Range of Motion • Work • Power • Resistance Index • Flexion/Extension ratio <p>Treatable joints:</p> <ul style="list-style-type: none"> • Knee (flexion/extension) • Ankle (dorsoplantar flexion) • Shoulder (intra-extra rotation in abduction) • Lower limb closed kinetic chain 	<ul style="list-style-type: none"> • Isokinetic Unit: single seat with integrated hydraulic dynamometer. • Control console/processing unit: (Pentium processor or compatible, Windows, monitor, keyboard, mouse and colour printer, RS232 serial connection to the isokinetic unit, accessory basket stowed inside the console trolley. Are supplied by end user) 	<ul style="list-style-type: none"> • Range of speed control: 40°/s 400°/s with independent regulation of agonist and antagonist movements • Torque: measured on the whole articular angle, 1Nm resolution • Max. measurable torque: 400 Nm • Range of motion: 240°, resolution 0.75° • Work: real time measurement, maximum work/repetition, total work, resistance index, fatigue index
	OPERATING CONFIGURATION AND OPTIONS	SIZES AND WEIGHTS
	<ul style="list-style-type: none"> • Basic configuration: lower limb (code 80000201) • Extended configuration: lower limb + shoulder (code 80000200) • Shoulder option: allows switching from basic to extended configuration (code 610211) 	<ul style="list-style-type: none"> • Isokinetic unit: 70 x 125 x 125h cm • Control console: 60 x 57 x 92h cm • Minimum working space: 150 x 200 cm • Isokinetic unit: 128 Kg • Control console: 30 Kg
	ELECTRICAL CHARACTERISTICS	INSTALLATION REQUIREMENTS
	<ul style="list-style-type: none"> • Power consumption: max 500VA • Class and type according to CEI EN 60601 standard: Class I-Type B • Protection fuses accessible from outside 	<ul style="list-style-type: none"> • Power requirements: Single-phase, 220 V-50 Hz; available from n.2 wall sockets • Environmental conditions: temperature between 10°C and 40° C. Relative humidity: 0% - 75% (without condensation)

(ordering code 80000500 • 80000580) Knee isokinetic system

Isokinetics is an essential methodology in modern rehabilitation practice. The knowledge of the advantages and the limits associated with this method, combined with the experience acquired in many years of research, has led to the development of the **GENU ISO**.

This is a compact, user-friendly, cost-effective unit, designed to work beneficially on knee flexion and extension functions.

The **GENU ISO** utilises a hydraulic brake to improve the movement fluidity while ensuring the patient's complete safety. The dynamometric brake is integrated in the seat support structure for maximum compactness.

The **GENU ISO** is a complete system for rehabilitation, training and assessment. All measured values can be displayed in real time and saved for post-processing.

The completely new software, developed with new technologies for Windows™, is user-friendly and provides an amusing video game designed to enhance the patient's motivation. The programmable software ensures maximum safety for the patient (the range of motion can be limited at any point of the movement either by mechanical stops or via software setting).

The special **GENU PLUS** bench (optional) allows performing Closed Kinetic Chain exercises.

With the **GENU PLUS**, furthermore, there is the possibility to have an active function of the machine.



MAIN FEATURES	CONFIGURATION	MOTION CONTROL
<p>Types of movement:</p> <ul style="list-style-type: none"> • Isokinetic • Inertial isotonic • Hydrodynamic <p>Main measured parameters:</p> <ul style="list-style-type: none"> • Speed • Torque (peak, average) • Range of Motion • Work • Power • Resistance Index • Flexion/Extension ratio <p>Treatable joints:</p> <ul style="list-style-type: none"> • Knee (flexion/extension) • Lower limb closed kinetic chain (optional) 	<ul style="list-style-type: none"> • Isokinetic Unit: single seat with integrated hydraulic dynamometer. • Control console/processing unit: (Pentium processor or compatible, Windows, monitor, keyboard, mouse and colour printer, RS232 serial connection to the isokinetic unit, trolley. Are supplied by end user) 	<ul style="list-style-type: none"> • Range of speeds: 40°/s. 400°/s. • Independent setting of flexion and extension speeds • Torque: measured on the whole articular angle, 1Nm resolution • Max. measurable torque: 400 Nm • Range of Motion: 240°, resolution 0,75° • Work: real-time measurement, maximum work/ repetition, • total work, resistance index, fatigue index.
	OPERATING CONFIGURATION AND OPTIONS	SIZES AND WEIGHTS
	<ul style="list-style-type: none"> • GENU ISO entry level configuration (code 80000500) • GENU PLUS option for Closed Kinetic Chain exercises (code 80000580) 	<ul style="list-style-type: none"> • Isokinetic unit: 110 x 110 x 125h cm • Control console: 70 x 70 x 115h cm • Minimum working space: 200 x 270 cm • Isokinetic unit: 155 Kg • Control console: 30 Kg
	ELECTRICAL CHARACTERISTICS	INSTALLATION REQUIREMENTS
	<ul style="list-style-type: none"> • Power consumption: max 500VA (operation/stand-by) • Class and type according to CEI EN 60601 standard: Class I-Type B • Protection fuses accessible from outside 	<ul style="list-style-type: none"> • Power requirements: Single-phase, 220 V - 50 Hz • Environmental conditions: temperature between 10°C and 40° C. • Relative humidity: 0% - 75% (without condensation)

Comprehensive rehabilitation of the hand

Manibus has been designed to operate using elastic resistance elements in the comprehensive rehabilitation of the hand.

The device can perform the following movements:

- flexion of the fingers
- cylindrical grip
- multifinger grip

The device has been designed to operate using elastic resistance elements, which the most important advantage is to generate a slight resistance in the initial phase of the movement increasing evenly in subsequent phases of the exercise. Due to these properties **Manibus** is particularly useful in the post-traumatic, post-surgical, orthopedic and neurological rehabilitation. The device is also used in sports rehabilitation, rheumatology and geriatrics. Exercises using **Manibus** exert a positive impact on improvement of range of motion, strength and proprioception of the hand and accelerate the recovery of disturbed functions of the neuromuscular system.



MAIN FEATURES

Capabilities:

- Dynamic exercises
- Ability to adapt the exercises level of difficulty to the current needs of the patient
- Ability to develop the system using a set of add-on devices
- Ability to connect devices to create multiple rehabilitation stations

Benefits:

- Increased range of motion through active movement
- Increased muscle strength and endurance
- Improvement of the stabilization of joints by proprioceptive reeducation
- Improvement of muscle coordination

TECHNICAL DATA

- Dimensions 800x800x1200 mm
- Weight 40 kg



STANDARD EQUIPMENT

- Base station with 3
- Interchangeable add-ons set of 5 resistance elastics



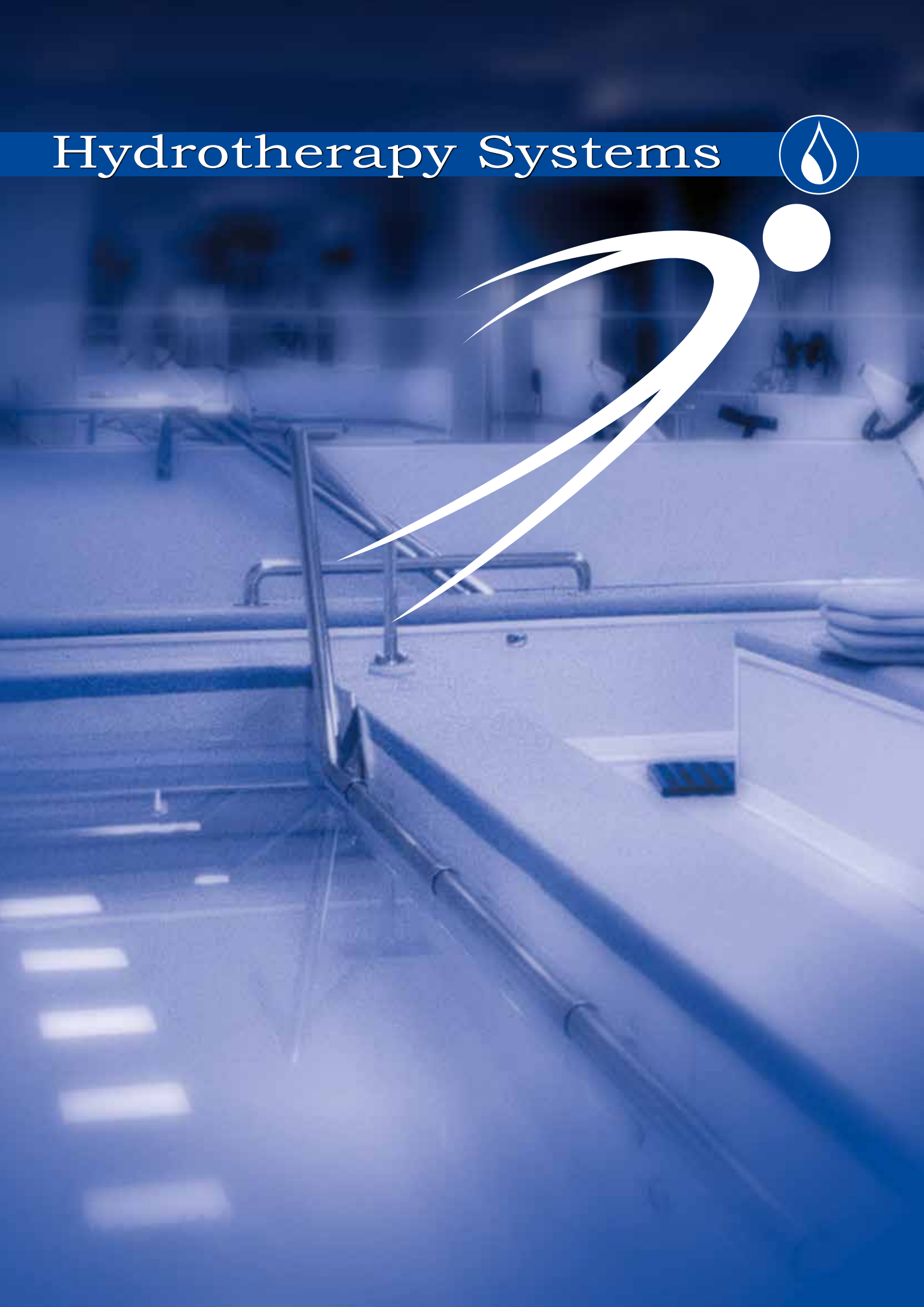


Hydrotherapy Systems



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T-ALTER • T-ALTER/P - Alternating shower	60
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Hydrotherapy Systems



MAGELLAN • MAGELLAN BASIC

(ordering code 01.501.042 • 01.501.051) Multifunctional hydrotherapy tub

MAGELLAN - Multifunctional hydrotherapy tub is used to automatic underwater massage, pearl bath and chromotherapy.

MAGELLAN can be used to automatic underwater massage. Electronic control panel and special configuration of 34 jets (5 sections: feet, ankle, knees, hips and spine) let for individual programming working sections. Additionally user can release section which he doesn't want to use during treatment.

MAGELLAN multifunctional hydrotherapy tub is equipped with electronic panel lets for programming total time of treatment, time of working particular section, automatic switch off after treatment and enables saving 20 individual programs.

Optionally **MAGELLAN** can be equipped with coloured touch control panel, which allows for programming:

- Total time of treatment
- Time of working every section
- Automatic turn off after finish of treatment
- Free programs - user can save 100 programs
- AutoTest - automatic test of safety working fuses



CHROMOTHERAPY SYSTEM
Emission 7 basic colors and mixed colors



MAIN FEATURES

The biggest advantage of MAGELLAN tub:

- Economic use of water
- Not using staff during whole time of treatment
- Adjustable foot support for patient
- Modern desing and ergonomic construction
- Spoutless water filling system
- AutoTest - automatic test of safety working of fuses
- Electronic, coloured touch panel - Model MAGELLAN

Multifunctional bath tub included the newest system of:

- Chemical disinfection - electronic controlled
- Automatic release of water - electronic controlled
- Release water from installation and pumps - electronic controlled
- Automatic filling of tub
- Coloured, touch control panel

We offer MAGELLAN in two versions:

- **MAGELLAN BASIC** (electronic control panel)
- **MAGELLAN** (coloured, touch control panel)



STANDARD AVAILABLE COLOURS

	5005 RAL Signal Blue
	5012 RAL Light Blue
	6027 RAL Light Green
	6018 RAL Yellow Green
	6002 RAL Leaf Green
	10217 RAL White
	9001 RAL Cream
	3017 RAL Rose
	2004 RAL Pure Orange

Specify the colour inside and outside:

- Standard colour is blue (5012 RAL) inside.
- Standard colour is white (10217 RAL) outside.



Simple and readable software - MAGELLAN





Electronic, control system allows for connecting:

- Underwater massage with pearl bath system (14x5 jets).

MAGELLAN bath tub can be equipped with chromotherapy system - 24 multicoloured diodes (7 main colours and derivatived colours).

Independent Digital panel lets for:

- Control of time of lighting of colours, individual programming of cycles of alternative lighting.



[1]

SPECIFICATIONS			ELEMENTS OF EQUIPMENT		
Type:	MAGELLAN	MAGELLAN BASIC	Elements of equipment	MAGELLAN	MAGELLAN BASIC
Model:	01.501.042	01.501.051	Hand shower	+	+
Working capacity (I) Level I:	110	110	Automatic underwater massage - 34 jets - 5 sections (foots, ankle, knees, hips and spine)	+	+
Working capacity (I) Level II:	220	220	Pearl bath system - 14x5 jets	+	+
External Dimensions (mm)(LxWxH):	2200 x 950 x 980*		Filling system	Automatic	Automatic
			Setting of desired water level	Automatic	Automatic
			Automatic release of water - Electronic controlled	+	+
			Control panel	Coloured, touch	Electronic
			AutoTest - automatic test of safety working fuses	+	-
			Pump "dry-working" protection	+	+
			Timer	+	+
			Automatic switch off after time of treatment	+	+
			Chromotherapy	+	Option
			Disinfection system	+	Option
			Disinfection system with ultraviolet light	Option	Option
			Electrotherapeutic bath system	Option	Option
			Aromatherapy	Option	Option
			System of keeping temperature/heating up the water in the tub	Option	Option

STANDARD EQUIPMENT

- Stair 53L x 43W x 39H cm [1] - (19.037.001)



(ordering code 01.501.091 • 01.501.095) Lower extremity whirlpool



This underwater massage tub allows a form of classic massage to be performed in the water. Combining the unweighting function with optimum regulation of water temperature, the tub helps the patient to relax allowing a more effective treatment to be performed.

Optimum stimulation is achieved by proper adjustment of water stream when massaging a specific area of patient's body. The dimensions of the tub ensure easy access during treatments with them hose for underwater massage.

We offer **ALMAGRO** in two versions:

- **Almagro basic** (with electronic control panel)
- **Almagro**



SPÓLKA Z O.O.
TECHNOMEX

STANDARD EQUIPMENT	STANDARD AVAILABLE COLOURS	SPECIFICATIONS																																																																		
<ul style="list-style-type: none"> • Stair 53L x 43W x 39H cm [1] - (19.037.001) 	<ul style="list-style-type: none"> 5005 RAL Signal Blue 5012 RAL Light Blue 6027 RAL Light Green 6018 RAL Yellow Green 6002 RAL Leaf Green 10217 RAL White 9001 RAL Cream 3017 RAL Rose 2004 RAL Pure Orange <p>Specify the colour inside and outside:</p> <ul style="list-style-type: none"> • Standard colour is blue (5012 RAL) inside. • Standard colour is white (10217 RAL) outside. 	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Model of bathtub</th> <th>Type</th> <th>Working capacity (l)</th> <th>External dimensions (mm) (LxWxH)</th> </tr> </thead> <tbody> <tr> <td>01.501.091</td> <td>ALMAGRO</td> <td>240</td> <td>2200 x 950 x 980</td> </tr> <tr> <td>01.501.095</td> <td>ALMAGRO BASIC</td> <td>240</td> <td>2200 x 950 x 980</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="background-color: #1a3d54; color: white;">ELEMENTS OF EQUIPMENT</th> </tr> <tr> <th style="background-color: #1a3d54; color: white;">Elements of equipment</th> <th style="background-color: #1a3d54; color: white;">ALMAGRO</th> <th style="background-color: #1a3d54; color: white;">ALMAGRO BASIC</th> </tr> </thead> <tbody> <tr><td>Hand shower</td><td style="text-align: center;">+</td><td style="text-align: center;">+</td></tr> <tr><td>Hose for underwater massage</td><td style="text-align: center;">+</td><td style="text-align: center;">+</td></tr> <tr><td>Filling system</td><td style="text-align: center;">automatic</td><td style="text-align: center;">automatic</td></tr> <tr><td>Side handrails</td><td style="text-align: center;">+</td><td style="text-align: center;">+</td></tr> <tr><td>Automatic release of water</td><td style="text-align: center;">+</td><td style="text-align: center;">+</td></tr> <tr><td>Electronic controlled</td><td style="text-align: center;">+</td><td style="text-align: center;">+</td></tr> <tr><td>Electronic control panel</td><td style="text-align: center;">+</td><td style="text-align: center;">+</td></tr> <tr><td>Pump "dry-warking" protection</td><td style="text-align: center;">+</td><td style="text-align: center;">+</td></tr> <tr><td>Timer</td><td style="text-align: center;">+</td><td style="text-align: center;">+</td></tr> <tr><td>Automatic switch off after time of treatment</td><td style="text-align: center;">+</td><td style="text-align: center;">+</td></tr> <tr><td>Automatic underwater massage – 8 side jets: (4 jets on each side) and spine jets (4 jets)</td><td style="text-align: center;">+</td><td style="text-align: center;">option</td></tr> <tr><td>Pearl bath system - 14 x 5 jets</td><td style="text-align: center;">+</td><td style="text-align: center;">option</td></tr> <tr><td>Chromotherapy</td><td style="text-align: center;">option</td><td style="text-align: center;">option</td></tr> <tr><td>Disinfection system</td><td style="text-align: center;">option</td><td style="text-align: center;">option</td></tr> <tr><td>Aromatherapy</td><td style="text-align: center;">option</td><td style="text-align: center;">option</td></tr> <tr><td>Coloured, touch control panel</td><td style="text-align: center;">option</td><td style="text-align: center;">option</td></tr> </tbody> </table>	Model of bathtub	Type	Working capacity (l)	External dimensions (mm) (LxWxH)	01.501.091	ALMAGRO	240	2200 x 950 x 980	01.501.095	ALMAGRO BASIC	240	2200 x 950 x 980	ELEMENTS OF EQUIPMENT			Elements of equipment	ALMAGRO	ALMAGRO BASIC	Hand shower	+	+	Hose for underwater massage	+	+	Filling system	automatic	automatic	Side handrails	+	+	Automatic release of water	+	+	Electronic controlled	+	+	Electronic control panel	+	+	Pump "dry-warking" protection	+	+	Timer	+	+	Automatic switch off after time of treatment	+	+	Automatic underwater massage – 8 side jets: (4 jets on each side) and spine jets (4 jets)	+	option	Pearl bath system - 14 x 5 jets	+	option	Chromotherapy	option	option	Disinfection system	option	option	Aromatherapy	option	option	Coloured, touch control panel	option	option
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Coloured, touch control panel	option	option																																																																		
	<p>ALMAGRO BASIC</p>																																																																			

(Ordering code 01.501.098) Underwater massage & electrotherapy bathtub



Bathtub **Toledo** is used for electrotherapy bath and underwater massage. The procedure can be performed manually with use of a hose with 3 interchangeable nozzles (adjustable pressure range 0-5,5 bar) or with the optional automatic underwater massage jet system. The touch control panel allows to set the time of procedure, type of current, direction of its flow and active applicators. Electrodes placed on the walls of the tube are made of high quality stainless steel with interchangeable polarity. Toledo can generate galvanic, diadynamic and faraday currents



TECHNICAL FEATURES	STANDARD EQUIPMENT	SPECIFICATIONS
<ul style="list-style-type: none"> • Electrodes for electrotherapy treatment made of high quality steel, • Hose for underwater massage with 3 interchangeable nozzles, • Touch screen control panel, • Two filling levels 120 and 240 liters, • Automatic electronically controlled water drainage, • Innovative no spout filling system. 	<ul style="list-style-type: none"> • Steel electrodes for electrotherapy treatment • Hand shower • Hose for underwater massage with 3 interchangeable nozzles • Side grab rails • 7" touch control panel • Automatic filling system • Automatic set of required water level • Electronically controlled automatic drainage of water • Automatic switch off after time of treatment • Pump "dry-working" protection • Failure and phase sequence change protection • Overload protection • Stair for easy climbing into the tub • Cleaning liquid (1l) 	<p>Volume: 240l Length: 2200 mm Width: 950 mm Height: 980 mm</p>
	<h3 data-bbox="595 1644 948 1675">OPTIONAL EQUIPMENT</h3> <ul style="list-style-type: none"> • Automatic underwater massage - 8 sets jets • Automatic underwater massage - 8 spine jets • Pearl bath system - 14x5 jets • Chemical disinfection system • Chromotherapy system 	



(ordering code 01.501.003) Electrotherapeutic Bath Tub

Electrotherapeutic Bath Tub allows to provide two different ways of treatment in water environment:

- electrotherapy treatment,
- underwater massage

Electrotherapeutic treatment in water has positive effect on various tissues and human body system. It has influence on nervous system and improves blood circulation.

Therapist can set polarity for each of 9 electrodes installed on the tub walls and select: galvanic, diadynamic or faradic type of current. All parameters are set on easy operated electronic panel.

Underwater massage may be performed with hose (with exchangeable nozzles) or system of jets fixed on the tub walls (option).



STANDARD EQUIPMENT	OPTIONAL EQUIPMENT	SPECIFICATIONS														
<ul style="list-style-type: none"> • Electrotherapy control panel (controlled by microprocessor, waterproof keyboard without switches and valves) • Electrodes made of stainless steel V4a • Filling device with 2 valves hot and cold water • Hand shower • Pump 400V, 50 Hz, 1,6 kW • Valve regulating pressure • Hose for underwater massage with 3 exchangeable nozzles • Manometer • Handrails • Headrest • Stair 53L x 43W x 39H cm [1] - 19.037.001 	<ul style="list-style-type: none"> • 6 side jets (3 on each side) • 3 spine jets • Pearl bath system (14x5 jets) • Electronic control panel: automatic filling, treatment time, temperature and pump protection device, • Disinfection system 	<table border="1"> <thead> <tr> <th>Model of bathtub</th> <th>Type</th> <th>Working capacity (l)</th> <th>External dimensions (mm) (LxWxH)</th> </tr> </thead> <tbody> <tr> <td>01.501.003</td> <td>T-UWM/E (standard)</td> <td>350</td> <td>2300 x 960 x 900</td> </tr> <tr> <td>01.501.003A</td> <td>T-UWM/E (option)</td> <td>300</td> <td>2100 x 960 x 900</td> </tr> </tbody> </table>	Model of bathtub	Type	Working capacity (l)	External dimensions (mm) (LxWxH)	01.501.003	T-UWM/E (standard)	350	2300 x 960 x 900	01.501.003A	T-UWM/E (option)	300	2100 x 960 x 900		
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01.501.003	T-UWM/E (standard)	350	2300 x 960 x 900													
01.501.003A	T-UWM/E (option)	300	2100 x 960 x 900													
	<h3>STANDARD AVAILABLE COLOURS</h3> <ul style="list-style-type: none"> 5005 RAL Signal Blue 5012 RAL Light Blue 6027 RAL Light Green 6018 RAL Yellow Green 6002 RAL Leaf Green 10217 RAL White 9001 RAL Cream 3017 RAL Rose 2004 RAL Pure Orange 															
	<p>Specify the colour inside and outside:</p> <ul style="list-style-type: none"> • Standard colour is blue (5012 RAL) inside. • Standard colour is white (10217 RAL) outside. 															

(ordering code 01.501.001) Underwater Massage Tub

This Underwater Massage Tub allows a form of classic massage to be performed in the water. Combining the unweighting function with optimum regulation of water temperature, the tub helps the patient to relax allowing a more effective treatment to be performed. Optimum stimulation is achieved by proper adjustment of water stream when massaging a specific area of patient's body. The dimensions of the tub ensure easy access during treatments with the UWM hose.

The **T-UWM** may be optionally equipped with a system of jets fitted on the sides and back of the tub. A system of side and spine jets, (hydrojet system) relieves the work load of the therapist during the treatment session.



STANDARD EQUIPMENT	OPTIONAL EQUIPMENT	SPECIFICATIONS															
<ul style="list-style-type: none"> Filling system Overload protected pump 400V, 50 Hz, 1.6 kW Valve regulating water pressure Hose for underwater massage with 3 exchangeable nozzles; Handrails Adjustable headrest Manometer Main switch Hand shower Stair 53L x 43W x 39H cm [1] - 19.037.001 	<ul style="list-style-type: none"> 6 side jets (3 on each side) 3 spine jets Pearl bath system (14x5 jets) Electronic control panel: automatic filling, treatment time, temperature and pump protection device, Disinfection system 	<table border="1"> <thead> <tr> <th>Model of bathtub</th> <th>Type</th> <th>Working capacity (l)</th> <th>External dimensions (mm) (LxWxH)</th> </tr> </thead> <tbody> <tr> <td>01.501.001</td> <td>T-UWM (standard)</td> <td>350</td> <td>2300 x 960 x 900</td> </tr> <tr> <td>01.501.001A</td> <td>T-UWM (option)</td> <td>300</td> <td>2100 x 960 x 900</td> </tr> </tbody> </table>				Model of bathtub	Type	Working capacity (l)	External dimensions (mm) (LxWxH)	01.501.001	T-UWM (standard)	350	2300 x 960 x 900	01.501.001A	T-UWM (option)	300	2100 x 960 x 900
Model of bathtub	Type	Working capacity (l)	External dimensions (mm) (LxWxH)														
01.501.001	T-UWM (standard)	350	2300 x 960 x 900														
01.501.001A	T-UWM (option)	300	2100 x 960 x 900														
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<ul style="list-style-type: none"> 5005 RAL Signal Blue 5012 RAL Light Blue 6027 RAL Light Green 6018 RAL Yellow Green 6002 RAL Leaf Green 10217 RAL White 9001 RAL Cream 3017 RAL Rose 2004 RAL Pure Orange 		<p>Specify the colour inside and outside:</p> <ul style="list-style-type: none"> Standard colour is blue (5012 RAL) inside. Standard colour is white (10217 RAL) outside. 															



(ordering code 01.501.002) Underwater Massage Tub

The Underwater Massage Tub allows performing a sophisticated form of classic massage in the water environment. Combining the unweighting function with optimum regulation of water temperature, the tubs helps the patient to relax allowing a more effective treatment to be performed. The water stream also provides optimum stimulation by performing the massage in distal to proximal direction.

An electronic control panel allows the therapist to program the treatment for each of 5 specified areas - foot, shank, knee, thigh and hip - as well as for spine region. The therapist can program both treatment time and the sequence of areas to be treated.

The user has also possibility to skip any area where treatment is contraindicated for medical reasons.



STANDARD EQUIPMENT	OPTIONAL EQUIPMENT	SPECIFICATIONS															
<ul style="list-style-type: none"> Automatic underwater massage -28 jets - 5 sections (foot, ankle, knees, hips and spine) Pearl bath system - 11 x 5 jets Hand shower Touch control panel Automatic filling system Automatic set of required water level Electronically controller automatic drainage of water Automatic switch off after time of treatment Pump "Dry-working" protection Failure and phase sequence change protection Overload protection Cleaning liquid 	<ul style="list-style-type: none"> Chemical disinfection system Chromotherapy system System of keeping temperature/heating up the water in the tub 	<table border="1"> <thead> <tr> <th rowspan="2">Model of bathtub</th> <th rowspan="2">Type</th> <th colspan="2">Capacity (l)</th> <th rowspan="2">External dimensions (mm) (LxWxH)</th> </tr> <tr> <th>Total</th> <th>Working</th> </tr> </thead> <tbody> <tr> <td>01.501.002</td> <td>T-MP UWM AUTOMAT</td> <td>250</td> <td>190</td> <td>2080 x 840 x 740</td> </tr> </tbody> </table>		Model of bathtub	Type	Capacity (l)		External dimensions (mm) (LxWxH)	Total	Working	01.501.002	T-MP UWM AUTOMAT	250	190	2080 x 840 x 740		
		Model of bathtub	Type			Capacity (l)			External dimensions (mm) (LxWxH)								
Total	Working																
01.501.002	T-MP UWM AUTOMAT	250	190	2080 x 840 x 740													
<h3>STANDARD AVAILABLE COLOURS</h3> <ul style="list-style-type: none"> 5005 RAL Signal Blue 5012 RAL Light Blue 6027 RAL Light Green 6018 RAL Yellow Green 6002 RAL Leaf Green 10217 RAL White 9001 RAL Cream 3017 RAL Rose 2004 RAL Pure Orange 		<p>Specify the colour inside and outside:</p> <ul style="list-style-type: none"> Standard colour is blue (5012 RAL) inside. Standard colour is white (10217 RAL) outside. 															





(ordering codes below) Medical bathtub

Collection of tubs for balneological and medical treatment include four models, so one can choose the device which suits the best to the specific requirements. With the optional retrofitting, you can also expand the range of applications of the model. All medical bathtubs are made of impact resistant glass fiber reinforced plastic GRP, which ensures long-term work without investment and reduces the risk of bath coating damage. New design makes this tub comfortable and ergonomic



VERSIONS

T-MP DISCOVERY - 01.501.009

Bathtub designed for medical bath - aroma therapy, treatments in water.

T-MP / S DISCOVERY - 01.501.066

Bathtub is suitable for salty and sulphidewater. Specially designed fittings and connections protect the bathtub from chemical's used during treatments.

T-MP / B DISCOVERY - 01.501.044

Bathtub for medical mud bath - has enlarged outflow, which makes it easier to drain a bathtub with a mixture of mud and water.

T-MP S/B DISCOVERY - 01.501.070

The combination of salt water, hydrogen sulphide and mud baths.

T-MP / K DISCOVERY - 01.501.092

Bathtub is designed for carbonic acid bath. The standard equipment does not include CO2 saturator.

SATURATOR CO2 - 01.501.010

Saturator is designed to enrich the water used in medicinal baths of CO2. Gas fed to the mixer is mixed at sufficient pressure with water, which is then fed into the tub wherein the treatment is carried out.

SPECIFICATIONS

Volume: 250l
Length: 1980 mm
Width: 840 mm
Height: 740 mm

	T-MP	T-MP/S	T-MP/B	T-MP/S/B	T-MP/K
Water filling system	YES	YES	YES	YES	YES
Hand shower	YES	YES	YES	YES	YES
Pearl bath system - (11 x 5 jets)	option	option	-	-	option
Electronic thermometer	option	option	-	-	-
Saturator CO ₂	-	-	-	-	option



T-MP • T-MP/B • T-MP/K • T-MP/S

Hydrotherapy Systems

(ordering code 01.501.009 • 01.501.044 • 01.501.092 • 01.501.066) Medical Tub

T-MP medical tub is dedicated to medical bath: pearl bath, aromatherapy. Modern design and ergonomic form help to relax patient and provide more efficient treatment. This low-capacity tub allows more economical use of the equipment.

For special request medical tub can be used to:

- **T-MP/B** (peat bath)
- **T-MP/K** without CO₂ MIXER (carbonic acid bath)
- **T-MP/S** (saline bath)

T-MP/B Bath-tub for therapeutic peat baths with enlarged outflow which facilitates emptying from mixture of therapeutic peat with water.

T-MP/K Bath-tub for carbonic acid treatments. This bath-tub in standard equipment doesn't include CO₂ Mixer.

T-MP/S Medical bath-tub assigned for saline treatments. Standard equipment includes filling system and manual shower.



SPOLKA Z O.O.
TECHNOMEX

STANDARD EQUIPMENT FOR T-MP

- Filling system
- Hand shower










OPTIONAL EQUIPMENT FOR T-MP

- Pearl Bath System (11x5 jets)
- Electronic control panel
- Saturator CO₂



CE 0197

STANDARD AVAILABLE COLOURS

	5005 RAL Signal Blue
	5012 RAL Light Blue
	6027 RAL Light Green
	6018 RAL Yellow Green
	6002 RAL Leaf Green
	10217 RAL White
	9001 RAL Cream
	3017 RAL Rose
	2004 RAL Pure Orange

Specify the colour inside and outside:

- Standard colour is blue (5012 RAL) inside.
- Standard colour is white (10217 RAL) outside.

SPECIFICATIONS

Model of bathtub	Type	Capacity (l)		External dimensions (mm) (LxWxH)
		Total	Working	
01.501.009	T-MP	250	190	1980 x 840 x 740
01.501.044	T-MP/B	250	190	1980 x 840 x 740
01.501.092	T-MP/K	250	190	1980 x 840 x 740
01.501.066	T-MP/S	250	190	1980 x 840 x 740



CO₂ MIXER (01.501.010)

This equipment is designed for enrich water in CO₂, which is used to medical bath. Provided gas to saturator is mixed under optimum pressure with water, then is delivered to the tub, where is performed treatment. In additional equipment CO₂ Mixer can be connected to medical tub T-MP/K.



T-MP/K - SAT - Medical Tub equipped with CO₂ MIXER (01.501.022)

T-MOT / T-MOT UWM



(ordering code 01.501.027, 01.501.028) Hubbard Tank ("butterfly" tub)

The **Hubbard Tank** has long been used to allow patients requiring special care and individual attention from therapist to exercise in the water environment. Water provides gentle resistance, helping patients to unweight and relax. The tank may also allow the patient to start rehabilitation even when he is too weak to exercise.

The **T-MOT** can be optionally equipped with an UWM (under water massage) system complete with hose and exchangeable nozzles. The UWM system cannot be purchased separately but must be ordered with the TANK.



STANDARD EQUIPMENT FOR T-MOT	OPTIONAL EQUIPMENT	SPECIFICATIONS															
<ul style="list-style-type: none"> Filling system Hand shower Handrails Adjustable headrest 	<ul style="list-style-type: none"> 8 jets to underwater massage (01.501.082) 4 jets to underwater massage (01.501.108) Underwater massage system Chemical disinfection system Kit T-MOT 	<table border="1"> <thead> <tr> <th>Model of bathtub</th> <th>Type</th> <th>Working capacity (l)</th> <th>External dimensions (mm) (LxWxH)</th> </tr> </thead> <tbody> <tr> <td>01.501.027</td> <td>T-MOT</td> <td>1100</td> <td>2550 x 2130 x 900</td> </tr> <tr> <td>01.501.028</td> <td>T-MOT/UWM (Options)</td> <td>1100</td> <td>2550 x 2130 x 900</td> </tr> </tbody> </table>	Model of bathtub	Type	Working capacity (l)	External dimensions (mm) (LxWxH)	01.501.027	T-MOT	1100	2550 x 2130 x 900	01.501.028	T-MOT/UWM (Options)	1100	2550 x 2130 x 900			
Model of bathtub	Type	Working capacity (l)	External dimensions (mm) (LxWxH)														
01.501.027	T-MOT	1100	2550 x 2130 x 900														
01.501.028	T-MOT/UWM (Options)	1100	2550 x 2130 x 900														
STANDARD EQUIPMENT FOR T-MOT/UWM	STANDARD AVAILABLE COLOUR																
<ul style="list-style-type: none"> Underwater massage system Filling system Hand shower Valve regulating water pressure Hose for underwater massage Manometer Main switch Handrails Adjustable headrest 	<div style="background-color: #4a86e8; color: white; padding: 5px; display: inline-block;">5012 RAL Light Blue</div>																
		 <p style="text-align: right;">T-MOT/UWM</p>															

(ordering code 01.501.076 • 01.501.088) Upper extremity whirlpool

Modern whirlpool **CASTILLO** is designed to allow treatments of the hand, forearm and elbow. The whirlpool massage is applied via 10 wall-mounted jets.

This low-capacity tank offers an excellent system for the treatment of the upper limbs. In standard equipment CASTILLO has thermomixer, which helps to easily regulate the temperature of filling water. Optionally this model of the tub can be equipped with electronic panel regulating: working time, filling level and monitoring temperature of water.

Advantage of this model is easy access for patient on wheel chair. CASTILLO has modern design and ergonomic construction.

- We offer model **CASTILLO** in two versions:
- **Castillo Basic** (without electronic control panel)
 - **Castillo** (electronic control panel)



SPÓLKA Z O.O.
TECHNOMEX

MAIN FEATURES

- Tub and paneling construction
- Made of glass fibre reinforced resin
- Self-supporting construction without metal frame with six adjustable feet

Advantages of CASTILLO:

- Spoutless water filling system
- Thermomixer facilitating regulation of water temperature during filling
- Economic water consumption
- Modern design and ergonomic construction

STANDARD EQUIPMENT

- Universal chair BETA with the height regulation: 54-79 cm [1] - (19.220.001)

STANDARD AVAILABLE COLOURS

	5005 RAL Signal Blue
	5012 RAL Light Blue
	6027 RAL Light Green
	6018 RAL Yellow Green
	6002 RAL Leaf Green
	10217 RAL White
	9001 RAL Cream
	3017 RAL Rose
	2004 RAL Pure Orange

- Specify the colour inside and outside:
- Standard colour is blue (5012 RAL) inside.
 - Standard colour is white (10217 RAL) outside.



SPECIFICATIONS

Model of bathtub	Type	Capacity (l)		External dimensions (mm) (LxWxH)
		Total	Working	
01.501.076	CASTILLO	36	28	950 x 1100 x 1070
01.501.088	CASTILLO BASIC	36	28	950 x 1100 x 1070

ELEMENTS OF EQUIPMENT

Elements of equipment	CASTILLO BASIC*	CASTILLO*
Hand shower	+	+
Regulation of water aeration "passive pearl massage"	+	+
Filling system	manual	automatic
Electronic panel regulating: working time, filling level	-	+
Pump "dry-working" protection	-	+
Timer	-	+
Automatic switch off after time of treatment	-	+
Thermomixer	+	+
Electronic thermometer	option	option
Disinfection system	option	option

*Optionally the tub can be equipped with more jets, for example for whirlpool massage.

(ordering code 01.501.011 • 01.501.012) Upper Extremity Whirlpool

This model is designed to allow treatments of the hand, forearm and elbow. The whirlpool massage is applied via 4 wall-mounted jets. This low-working capacity 20-liter tank offers an excellent system for the treatment of the upper limbs. The tub can be optionally equipped with electronic panel regulating: working time, filling level. (Model 1114E).

We offer **Model 1114** in two versions:

- **Model T** (without electronic panel)
- **Model E** (with electronic panel)












[1]

SPOLKA Z O.O.
TECHNOMEX

STANDARD EQUIPMENT

- Overload protected pump 230V/50Hz, 0,75kW
- 4 adjustable jets
- Valve regulating water aeration - "passive pearl massage"
- Filling system
- Hand shower
- Universal chair BETA with the height regulation: 54-79 cm [1] - (19.220.001)

STANDARD AVAILABLE COLOURS

	5005 RAL Signal Blue
	5012 RAL Light Blue
	6027 RAL Light Green
	6018 RAL Yellow Green
	6002 RAL Leaf Green
	10217 RAL White
	9001 RAL Cream
	3017 RAL Rose
	2004 RAL Pure Orange

Specify the colour inside and outside:

- Standard colour is blue (5012 RAL) inside.
- Standard colour is white (10217 RAL) outside.



SPECIFICATIONS

Model of bathtub	Type	Working capacity (l)	External dimensions (mm) (LxWxH)
01.501.011	1114T	20	770 x 790 x 930
01.501.012	1114E	20	770 x 790 x 930

ELEMENTS OF EQUIPMENT

Elements of equipment	Model T	Model E
Hand shower	+	+
Regulation of water aeration "passive pearl massage"	+	+
Filling system	manual	automatic
Adjustment level of water	manual	automatic
Electronic panel regulating: working time, filling level	-	+
Pump "dry-working" protection	-	+
Timer	-	+
Automatic switch off after time of treatment	-	+
Electronic thermometer	option	option
Chemical disinfection system	option	option



(ordering code 01.501.052 • 01.501.053) Lower extremities and lumbar spine whirlpool tub

Lower extremities and lumbar spine whirlpool **KOLUMB** is very popular model of whirlpool for rehabilitation centers, fitness clubs and wellness centers. **KOLUMB** tub is used for whirlpool treatments of lower extremities and lumbar spine, pearl bath and chromotherapy.

Ability to perform treatment both for lower extremities and lumbar spine, low costs and low water capacity (as compared to full body underwater massage tubs) make this product very useful not only for clinics but also for wellness centers.

KOLUMB tub is dedicated for whirlpool massage and consists of a system of wall-mounted 14 jets, divided into 3 independent sections with outflow water stream control. System of jets function control enables free choice of an area that is intended to be treated and also combined function of jets (7 possibilities) for example ankles and lumbar spine. Moreover due to 2 levels of filling (half or full tub) it enables saving water. During the treatment, the patient sits on a seat inside the tub.

Optionally **KOLUMB** can be equipped with coloured touch control panel, which allows for programming:

- Total time of treatment
- Automatic turn off after finish of treatment
- Free programs - user can save 100 programs
- AutoTest - automatic test of safety working fuses



CHROMOTHERAPY SYSTEM

Emission 7 basic colors and mixed colors



MAIN FEATURES

The biggest advantages of KOLUMB:

- Spoutless water filling system
- Pearl Bath System (55 jets: 11x5 jets)
- Chromotherapy
- Disinfection system
- AutoTest - Automatic test of safety working of fuses - Model **KOLUMB**
- Modern design and ergonomic construction

KOLUMB is equipped with modern available systems:

- Chemical disinfection - electronic controlled
- Automatic filling of tub
- Coloured, touch control panel - Model **KOLUMB**

We offer KOLUMB in two versions:

- **KOLUMB BASIC** (electronic control panel)
- **KOLUMB** (coloured, touch control panel)



Simple and readable software- **KOLUMB**

STANDARD AVAILABLE COLOURS

- 5005 RAL Signal Blue
- 5012 RAL Light Blue
- 6027 RAL Light Green
- 6018 RAL Yellow Green
- 6002 RAL Leaf Green
- 10217 RAL White
- 9001 RAL Cream
- 3017 RAL Rose
- 2004 RAL Pure Orange

Specify the colour inside and outside:

- Standard colour is blue (5012 RAL) inside.
- Standard colour is white (10217 RAL) outside.





Optionally **KOLUMB** can be equipped with chromotherapy system - 20 multicoloured diodes (7 main colours and derivatived colours).

Independent digital panel lets for:

- Control of time of lighting of colours, individual programming of cycles of alternative lighting



[1]

SPECIFICATIONS			ELEMENTS OF EQUIPMENT		
Type	KOLUMB	KOLUMB BASIC	Elements of equipment	KOLUMB*	KOLUMB BASIC*
Model:	01.501.052	01.501.053	Hand shower	+	+
Working capacity (I) Level I:	80	80	Filling system	Automatic	Automatic
Working capacity (I) Level II:	210	210	Setting of desired water level	Automatic	Automatic
External Dimensions (mm)(LxWxH):	1540 x 870 x 1070		Control panel	Coloured, touch	Electronic
			AutoTest - automatic test of safety working fuses	+	-
			Pump "dry-working" protection	+	+
			Automatic release of water Electronic controlled	Option	Option
			Timer	+	+
			Automatic switch off after time of treatment	+	+
			Pearl bath system	+	Option
			Chromotherapy	+	Option
			Disinfection system	+	Option
			Anal jets	Option	Option

STANDARD EQUIPMENT

- Stair 53L x 43W x 39H cm [1] - (19.037.001)



*Optionally the tub can be equipped with more jets, for example for whirlpool massage or pearl bath system.

1110T • 1110E

Hydrotherapy Systems

(ordering code 01.501.013 • 01.501.014) Lower Extremity Whirlpool

This model is designed to allow treatment of the foot, ankle and shank. The whirl massage is applied via 4 wall-mounted jets. This low working capacity 40-liter tank is an excellent system for podiatric treatment. The tub can be optionally equipped with an electronic panel regulating working filling level. (Model 1110E).

We offer **Model 1110** in two versions:

- **Model T** (without electronic panel)
- **Model E** (with electronic panel)












SPOLKA Z O.O.
TECHNOMEX

STANDARD EQUIPMENT

- 4 adjustable jets
- Valve regulating water aeration "passive pearl massage"
- Filling system
- Hand shower
- Overload protected pump 230V/50Hz, 75kW
- Universal chair BETA with the height regulation: 54-79 cm [1] - (19.220.001)

STANDARD AVAILABLE COLOURS

	5005 RAL Signal Blue
	5012 RAL Light Blue
	6027 RAL Light Green
	6018 RAL Yellow Green
	6002 RAL Leaf Green
	10217 RAL White
	9001 RAL Cream
	3017 RAL Rose
	2004 RAL Pure Orange

Specify the colour inside and outside:

- Standard colour is blue (5012 RAL) inside.
- Standard colour is white (10217 RAL) outside.



SPECIFICATIONS

Model of bathtub	Type	Working capacity (l)	External dimensions (mm) (LxWxH)
01.501.013	1110T	40	840 x 770 x 750
01.501.014	1110E	40	840 x 770 x 750

ELEMENTS OF EQUIPMENT

Elements of equipment	Model T	Model E
Hand shower	+	+
Regulation of water aeration "passive pearl massage"	+	+
Filling system	manual	automatic
Adjustment level of water	manual	automatic
Electronic panel	-	+
Pump "dry-working" protection	-	+
Timer	-	+
Automatic switch off after time of treatment	-	+
Electronic thermometer	option	option
Disinfection system	option	option

CE 0197

1115T • 1115EZ

Hydrotherapy Systems

(ordering code 01.501.015 • 01.501.050) Lower Extremity Whirlpool

The whirlpool **model 1115** is a modern device designed for use in physical therapy as well as in fitness and spa facilities. The design of the tank allows the patient to sit inside, while the treatment is applied to ankles, knees, hips and low back. The massage is applied by 12 jets divided into 3 sections (ankle, knee-hip and spine). The work of the three sections can be also combined according to the patient's needs. This model provides an excellent alternative to large tanks for use in small rehabilitation centers and physical therapy facilities. The whirlpool can be optionally equipped with electronic panel regulating: working time, filling level. (model 1115EZ).

Additionally model 1115EZ is equipped with innovation system of electrovalves which eliminate possibility of outflow water from not working jets.

We offer **Model 1115** in two versions:

- **Model T** (without electronic panel)
- **Model EZ** (with electronic panel)












SPOLKA Z O.O.
TECHNOMEX

STANDARD EQUIPMENT

- 12 adjustable jets, divided into 3 sections
- Filling system
- Hand shower
- Overload protected pump 230V/50Hz, 0,75kW.
- Stair 53L x 43W x 39H cm [1] - (19.037.001)

STANDARD AVAILABLE COLOURS

	5005 RAL Signal Blue
	5012 RAL Light Blue
	6027 RAL Light Green
	6018 RAL Yellow Green
	6002 RAL Leaf Green
	10217 RAL White
	9001 RAL Cream
	3017 RAL Rose
	2004 RAL Pure Orange

Specify the colour inside and outside:

- Standard colour is blue (5012 RAL) inside.
- Standard colour is white (10217 RAL) outside.

SPECIFICATIONS

Model of bathtub	Type	Working capacity (l)		External dimensions (mm) (LxWxH)
		Level I	Level II	
01.501.015	1115T	80	210	1440 x 720 x 980
01.501.050	1115EZ	80	210	1440 x 720 x 980

ELEMENTS OF EQUIPMENT

Elements of equipment	Model T	Model EZ
Hand shower	+	+
Filling system	Manual	Automatic
Adjustment level of water	Manual	Automatic
Electronic panel regulating: working time, filling level.	-	+
Pump "dry-working" protection	-	+
Timer	-	+
Automatic switch off after time of treatment	-	+
Electronic thermometer	Option	Option
Disinfection system	Option	Option

CE 0197



(ordering code 01.501.086 • 01.501.084) Lower extremity whirlpool



Modern whirlpool **PIZARRO** is designed to allow treatments of the foot, ankle and shank. The whirlpool massage is applied via 6 wall-mounted jets with regulated direction of water stream flow direction. This low-capacity tank offers an excellent system for the treatment of the lower limbs. In standard equipment Pizarro has valve regulating water aeration (passive pearl massage), spoutless water filling system and thermomixer facilitating regulation of water temperature during filling. Optionally this model of the tub can be equipped with electronic panel regulating: working time, filling level and monitoring temperature of water.

We offer model **PIZARRO** in two versions:

- **Pizarro BASIC** (without electronic control panel)
- **Pizarro** (electronic control panel)



MAIN FEATURES

- Tub and paneling construction
- Made of glass fibre reinforced resin
- Self-supporting construction without metal frame with four adjustable feet










Advantages of PIZARRO:

- Spoutless water filling system
- Thermomixer facilitating regulation of water temperature during filling
- Economic water consumption
- Modern design and ergonomic construction

STANDARD EQUIPMENT

- Universal chair BETA with the height regulation: 54-79 cm [1] - (19.220.001)

STANDARD AVAILABLE COLOURS

-  5005 RAL Signal Blue
-  5012 RAL Light Blue
-  6027 RAL Light Green
-  6018 RAL Yellow Green
-  6002 RAL Leaf Green
-  10217 RAL White
-  9001 RAL Cream
-  3017 RAL Rose
-  2004 RAL Pure Orange

Specify the colour inside and outside:

- Standard colour is blue (5012 RAL) inside.
- Standard colour is white (10217 RAL) outside.



SPECIFICATIONS

Model of bathtub	Type	Capacity (l)		External dimensions (mm) (LxWxH)
		Total	Working	
01.501.086	PIZARRO	57	40	890 x 880 x 750
01.501.084	PIZARRO BASIC	57	40	890 x 880 x 750

ELEMENTS OF EQUIPMENT

Elements of equipment	PIZARRO BASIC*	PIZARRO*
Hand shower	+	+
Regulation of water aeration "passive pearl massage"	+	+
Filling system	manual	automatic
Electronic panel regulating: working time, filling level	-	+
Pump "dry-working" protection	-	+
Timer	-	+
Automatic switch off after time of treatment	-	+
Thermomixer	+	+
Electronic thermometer	option	option
Disinfection system	option	option

*Optionally the tub can be equipped with more jets, for example for whirlpool massage.



The Whirlpool models **1116** and **1117** are designated to provide treatment of the lower and upper limbs. The massage is applied with angle-adjustable 4 wall-mounted jets. Depending on the area to be treated, the patient can sit on either a high or low chair and place his limbs inside the tank. The two models feature different capacities: 370 litres for the 1116 model and 200 litres for the 1117 model respectively. These whirlpools can be optionally equipped with electronic panel regulating: working time, filling level (models 1116E, 1117E).

We offer **Model 1116** and **Model 1117** in two versions:

- **Model T** (without electronic panel)
- **Model E** (with electronic panel)



STANDARD EQUIPMENT

- 4 adjustable jets
- Filling system
- Hand shower
- Overload protected pump 230V/50Hz, 75kW
- Universal chair BETA with the height regulation: 54-79 cm [1] - (19.220.001)



STANDARD AVAILABLE COLOURS

	5005 RAL Signal Blue
	5012 RAL Light Blue
	6027 RAL Light Green
	6018 RAL Yellow Green
	6002 RAL Leaf Green
	10217 RAL White
	9001 RAL Cream
	3017 RAL Rose
	2004 RAL Pure Orange

- Specify the colour inside and outside:
- Standard colour is blue (5012 RAL) inside.
 - Standard colour is white (10217 RAL) outside.

SPECIFICATIONS

Model of bathtub	Type	Working capacity (l)		External dimensions (mm) (LxWxH)
		Level I	Level II	
01.501.017	1116T	120	235	1380 x 580 x 880
01.501.018	1116E	120	235	1380 x 580 x 880
01.501.019	1117T	75	135	1080 x 580 x 780
01.501.020	1117E	75	135	1080 x 580 x 780

ELEMENTS OF EQUIPMENT

Elements of equipment	Model T	Model E
Hand shower	+	+
Regulation of water aeration "passive pearl massage"	+	+
Filling system	Manual	Automatic
Adjustment level of water	Manual	Automatic
Electronic panel	-	+
Pump "dry-working" protection	-	+
Timer	-	+
Automatic switch off after time of treatment	-	+
Electronic thermometer	Option	Option
Disinfection system	Option	Option



(ordering code 01.501.080 • 01.501.081 • 01.501.078) Four-Cell Bath

Electrotherapeutic treatments in the water produce beneficial effects on various systems (nervous, circulatory) of the human body. The Four-Cell Bath allows treatment to be concentrated on a specific area of the body (lower or upper limb, one side of the body). According to the indications, the therapist can set the polarity of the electrode located in each cell and choose between galvanic, diadynamic and faradic current. All parameters are entered via a user-friendly electronic control panel. Alternating treatments use water to induce thermal stimuli on the limbs submerged in upper and lower cells with the purpose of stimulating reactions in the circulatory system. The duration of the stimulation, the water temperature and the number of cycles of cold/warm water can be set by therapist.

TASMAN – The Four-Cell Bath is equipped with hand shower for easy cleaning the tub after the treatment. The bathtub has new design and ergonomic construction.

TASMAN - The Four-Cell Bath allows three kinds of treatment to be performed in the water environment:

- **Tasman/E** (electrotherapy treatment)
- **Tasman/N** (alternate treatment)
- **Tasman/EN** (combination of the above)



[1]



MAIN FEATURES	STANDARD AVAILABLE COLOURS	SPECIFICATIONS																						
<p>Advantages of TASMAN:</p> <ul style="list-style-type: none"> • Spoutless water filling system • Thermomixer facilitating regulation of water temperature during filling • Clear and intelligible electronic control panel • Modern design and ergonomic construction 	<ul style="list-style-type: none"> 5005 RAL Signal Blue 5012 RAL Light Blue 6027 RAL Light Green 6018 RAL Yellow Green 6002 RAL Leaf Green 10217 RAL White 9001 RAL Cream 3017 RAL Rose 2004 RAL Pure Orange 	<table border="1"> <thead> <tr> <th rowspan="2">Model of bathtub</th> <th rowspan="2">Type</th> <th colspan="2">Working capacity of chamber (l)</th> <th rowspan="2">External dimensions (mm) (LxWxH)</th> </tr> <tr> <th>upper</th> <th>lower</th> </tr> </thead> <tbody> <tr> <td>01.501.080</td> <td>TASMAN/E</td> <td>15</td> <td>25</td> <td>1240 x 1050 x 1000</td> </tr> <tr> <td>01.501.081</td> <td>TASMAN/N</td> <td>15</td> <td>25</td> <td>1240 x 1050 x 1000</td> </tr> <tr> <td>01.501.078</td> <td>TASMAN/EN</td> <td>15</td> <td>25</td> <td>1240 x 1050 x 1000</td> </tr> </tbody> </table>	Model of bathtub	Type	Working capacity of chamber (l)		External dimensions (mm) (LxWxH)	upper	lower	01.501.080	TASMAN/E	15	25	1240 x 1050 x 1000	01.501.081	TASMAN/N	15	25	1240 x 1050 x 1000	01.501.078	TASMAN/EN	15	25	1240 x 1050 x 1000
Model of bathtub	Type	Working capacity of chamber (l)			External dimensions (mm) (LxWxH)																			
		upper	lower																					
01.501.080	TASMAN/E	15	25	1240 x 1050 x 1000																				
01.501.081	TASMAN/N	15	25	1240 x 1050 x 1000																				
01.501.078	TASMAN/EN	15	25	1240 x 1050 x 1000																				
<p>STANDARD EQUIPMENT FOR TASMAN/EN</p> <ul style="list-style-type: none"> • Hand shower • Filling system • Electronic control panel for electrotherapy and alternate water treatment settings • Stainless steel electrodes for electrotherapy treatment • Valve for adjusting water pressure for alternate treatment • Thermomixer facilitating regulation of water temperature during filling • Universal chair BETA with the height regulation: 54-79 cm [1] - (19.220.001) 	<p>Specify the colour inside and outside:</p> <ul style="list-style-type: none"> • Standard colour is blue (5012 RAL) inside. • Standard colour is white (10217 RAL) outside. 																							





(ordering code 01.501.077 • 01.501.087) Alternating Shower (Scottish shower)

Alternating (Scottish) shower combines the effects of pressure on the body (massage effect) and temperature change (which increases physiological responses to be treated area).

Scottish shower CORDOBA is a modern device equipped with two thermostatic mixing valves, for a quick and easy way to set the temperature of the water which is delivered to each nozzle (gun) separately. High performance shower (1m³ = 35 minutes with the pressure in the system of 2 atmospheres) in water installations which do not meet the technical requirements and does not allow for the proper operation of the device, provides version CORDOBA P, where pump equalizes pressure of water system.



STANDARD EQUIPMENT	OPTIONAL EQUIPMENT	SPECIFICATIONS																		
<ul style="list-style-type: none"> • 2 moveable treatment jets ("guns") • Electronic control panel mounted on desk • 2 thermomixers for easy regulating of temperature of water • 2 thermometers mounted on desk • 2 manometers • 2 water pressure regulating valves 	<ul style="list-style-type: none"> • Pump equalized pressure of water – model CORDOBA/P 	<table border="1"> <thead> <tr> <th>Model of bathtub</th> <th>Type</th> <th>Weight (Kg)</th> <th colspan="2">External dimensions (mm) (LxWxH)</th> </tr> </thead> <tbody> <tr> <td>01.501.077</td> <td>CORDOBA</td> <td>25</td> <td colspan="2">1100 x 720 x 1000</td> </tr> <tr> <td>01.501.087</td> <td>CORDOBA/P</td> <td>40</td> <td colspan="2">1100 x 720 x 1000</td> </tr> </tbody> </table>	Model of bathtub	Type	Weight (Kg)	External dimensions (mm) (LxWxH)		01.501.077	CORDOBA	25	1100 x 720 x 1000		01.501.087	CORDOBA/P	40	1100 x 720 x 1000				
Model of bathtub	Type	Weight (Kg)	External dimensions (mm) (LxWxH)																	
01.501.077	CORDOBA	25	1100 x 720 x 1000																	
01.501.087	CORDOBA/P	40	1100 x 720 x 1000																	
	<h3>STANDARD AVAILABLE COLOURS</h3> <ul style="list-style-type: none"> 5005 RAL Signal Blue 5012 RAL Light Blue 6027 RAL Light Green 6018 RAL Yellow Green 6002 RAL Leaf Green 10217 RAL White 9001 RAL Cream 3017 RAL Rose 2004 RAL Pure Orange 																			
	<p>Specify the colour inside and outside:</p> <ul style="list-style-type: none"> • Standard colour is blue (5012 RAL) inside. • Standard colour is white (10217 RAL) outside. 																			



T-ALTER • T-ALTER/P

Hydrotherapy Systems



(ordering code 01.501.026 • 01.501.038) Scottish Shower

Scottish shower T-ALTER series is a device with powerful settings. It is equipped with thermostatic mixer valve, which allows precise regulation of water temperature. Water temperature change lever allows quick change of the stream temperature (cold-heat, hot-cold). On the desktop, there are 3 hoses which allow to apply a stream of high pressure shower (so-called "Whip") and low pressure (so-called "Pitched"). High performance device (1m³ = 35 minutes with the pressure in the system 2 atmosphere) in water installations which do not meet the technical requirements and does not allow for the proper operation of the device, provides a version of the T-ALTER P, where pump equalizes the pressure in the water system.












STANDARD EQUIPMENT

- Control panel mounted on desk
- Thermostatic valve
- 3 hoses with exchangeable nozzles
- 3 water pressure regulating valves
- Hand lever for water temperature variation

OPTIONAL EQUIPMENT

- Pump equalized pressure of water – model T-ALTER/P

STANDARD AVAILABLE COLOURS

-  5005 RAL Signal Blue
-  5012 RAL Light Blue
-  6027 RAL Light Green
-  6018 RAL Yellow Green
-  6002 RAL Leaf Green
-  10217 RAL White
-  9001 RAL Cream
-  3017 RAL Rose
-  2004 RAL Pure Orange

Specify the colour:

- Standard colour is white (10217 RAL).

SPECIFICATIONS

Model of bathtub	Type	Weight (Kg)	External dimensions (mm) (LxWxH)
01.501.026	T-ALTER	25	680 x 410 x 810
01.501.038	T-ALTER/P	40	680 x 410 x 810





(ordering code 01.501.029 • 01.501.029 M) Underwater Massage Device

This device allows performing underwater massage treatments in tanks or tubs, where an underwater massage system is not available. The device can be either stationary or wheeled. During the treatment a hose delivers the massage sucking the water from the tank or pool. The system features exchangeable nozzles for the massage hose, according to the specific indications. A pressure valve allows the water stream to be properly adjusted according to the treatment requirements.

We offer **T-AGRE** underwater massage device in two versions:










- **T-AGRE** stationary (without wheels)
- **T-AGRE/M** mobile (with wheels)



STANDARD EQUIPMENT

- Desk containing: overload water pump 400V/50Hz, 2,5kW
- Main switch
- Hose with 3 exchangeable nozzles
- Manometer
- Valve regulating water pressure

STANDARD AVAILABLE COLOURS

-  5005 RAL Signal Blue
-  5012 RAL Light Blue
-  6027 RAL Light Green
-  6018 RAL Yellow Green
-  6002 RAL Leaf Green
-  10217 RAL White
-  9001 RAL Cream
-  3017 RAL Rose
-  2004 RAL Pure Orange

Specify the colour:

- Standard colour is white (10217 RAL).

SPECIFICATIONS

Model of bathtub	Type	Weight (kg)	Dimensions (mm) (LxWxH)
01.501.029 M	T-AGRE/M	25	410 x 680 x 810
01.501.029	T-AGRE	25	410 x 680 x 810



(ordering code 01.501.030 • 01.501.031) Ring Shower

The ring shower is a device designed to deliver water to the patient's body based on an optimum combination of water temperature and mechanical action (massaging effect). The water is delivered from the top and sides of the pipe construction.

The water temperature is controlled by a thermostatic valve, while the pressure is adjusted via a pressure valve. The treatment consists of cycles of cold and warm water applications. Depending on the model, the water temperature and treatment time can be adjusted either manually (T-NP) or automatically (T-NP/E).

Additionally in model T-NP/E therapist can program both the duration of the cold /warm water applications and the number of cycles.



STANDARD EQUIPMENT

- Ring shower frame
- Thermostatic valve
- 2 pressure regulating valves

OPTIONAL EQUIPMENT:

- Control panel (electronic panel, 2 thermostatic valves, main switch,) – model T-NP/E

STANDARD AVAILABLE COLOURS FOR CONTROL PANEL

- 5005 RAL Signal Blue
- 5012 RAL Light Blue
- 6027 RAL Light Green
- 6018 RAL Yellow Green
- 6002 RAL Leaf Green
- 10217 RAL White
- 9001 RAL Cream
- 3017 RAL Rose
- 2004 RAL Pure Orange

Specify the colour:
 • Standard colour is white (10217 RAL).

SPECIFICATIONS

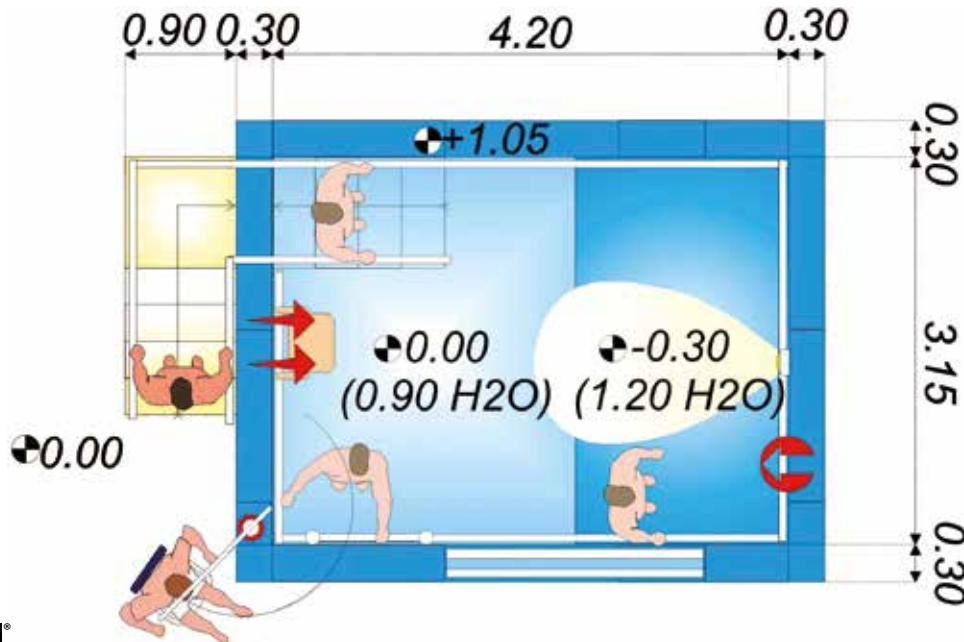
Model of bathtub	Type		External dimensions (mm) (LxWxH)
01.501.030	T-NP	Ring shower	970 x 970 x 2260
01.501.031	T-NP/E	Ring shower	970 x 970 x 2260
		Control panel	680 x 410 x 810



RP 001 Rehabilitation Pool

Indications: Orthopedic patients, Elderly, Acquagym Activity

Main structure composed by AISI 316 stainless steel panels with outer honeycombed aluminium panelling



MAIN FEATURES

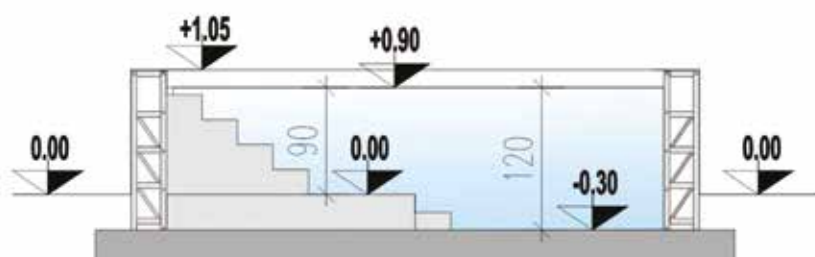
- Extremely safe for both patients and therapists with no sharp edges
- Custom made product to fit specific needs
- Modularity and transferability
- Possibility to implement and add accessories and components
- Above-ground construction: therapists working at eye level with patients
- Different water levels to treat different kind of patients at the same time
- Very easy to maintain

SPECIFICATIONS

- Double Terylene reinforced PVC lining (floor and sides) – waterproof protection
- AISI 316 Stainless steel perimeter handrail
- Water treatment system composed by 15 cu.m/h filter, filtration pump 0.75 kW three-phase, skimmers, H2O pressure reducer, automatic H2O control level and general control panel
- Heat exchanger mod. 15 with with control unit
- Integrated pH and Chlorine control system substation with sensors, cells, electrode and regulator (optional)
- Patients observation window 210 cm.
- Underwater light 0.3 kW single-phase
- 3 hooks for exercise/training rubber bands
- Professional upstream swimming/walking system with underwater massage hose, 2.6 kW three-phase
- Hydrojet/Whirlpool with 2 jets 1.5 kW three-phase

OPTIONAL ACCESSORIES

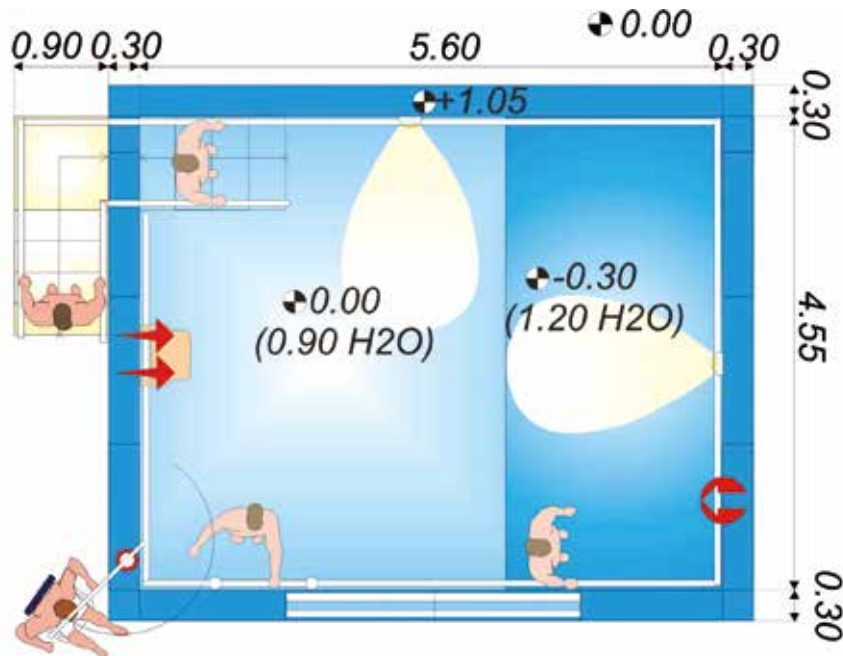
- Height adjustable stainless steel seat with holders
- Stainless steel wall bars (single or double span)
- Battery-operated flush-mounted patient lifter/hoist
- Bench with air jets 2x60cm
- Hydrojet/Whirlpool with 4 or 6 jets 1.5 kW three-phase
- Stainless steel access stair with anatomic handrails
- Waterfall shower
- Swan neck shower
- Complete training course on water therapy (6 days theory + practical sessions)



RP 002 Rehabilitation Pool

Indications: Orthopedic patients, Elderly, Acquagym Activity

Main structure composed by AISI 316 stainless steel panels with outer honeycombed aluminium panelling



MAIN FEATURES

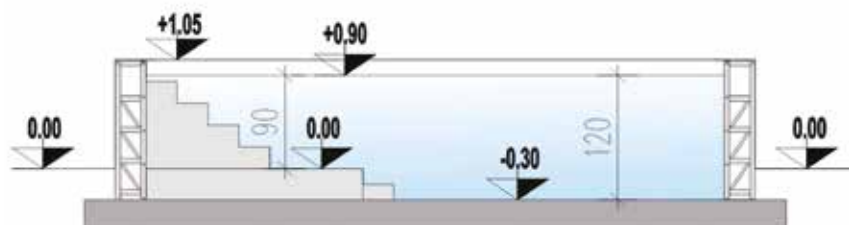
- Extremely safe for both patients and therapists with no sharp edges
- Custom made product to fit specific needs
- Modularity and transferability
- Possibility to implement and add accessories and components
- Above-ground construction: therapists working at eye level with patients
- Different water levels to treat different kind of patients at the same time
- Very easy to maintain

SPECIFICATIONS

- Double Terylene reinforced PVC lining (floor and sides) – waterproof protection
- AISI 316 Stainless steel perimeter handrail
- Water treatment system composed by 22 cu.m/h filter, filtration pump 0.75 kW three-phase, skimmers, H2O pressure reducer, automatic H2O control level and general control panel
- Heat exchanger mod. 25 with with control unit
- Integrated pH and Chlorine control system substation with sensors, cells, electrode and regulator
- Patients observation window 280cm.
- 2 underwater lights 0.3 kW single-phase
- 3 hooks for exercise/training rubber bands
- Professional upstream swimming/walking system with underwater massage hose, 2.6 kW three-phase
- Hydrojet/Whirlpool with 2 jets 1.5 kW three-phase

OPTIONAL ACCESSORIES

- Height adjustable stainless steel seat with holders
- Stainless steel wall bars (single or double span)
- Battery-operated flush-mounted patient lifter/hoist
- Bench with air jets 2x60cm
- Hydrojet/Whirlpool with 4 or 6 jets 1.5 kW three-phase
- Stainless steel access stair with anatomic handrails
- Waterfall shower
- Swan neck shower
- Complete training course on water therapy (6 days theory + practical sessions)

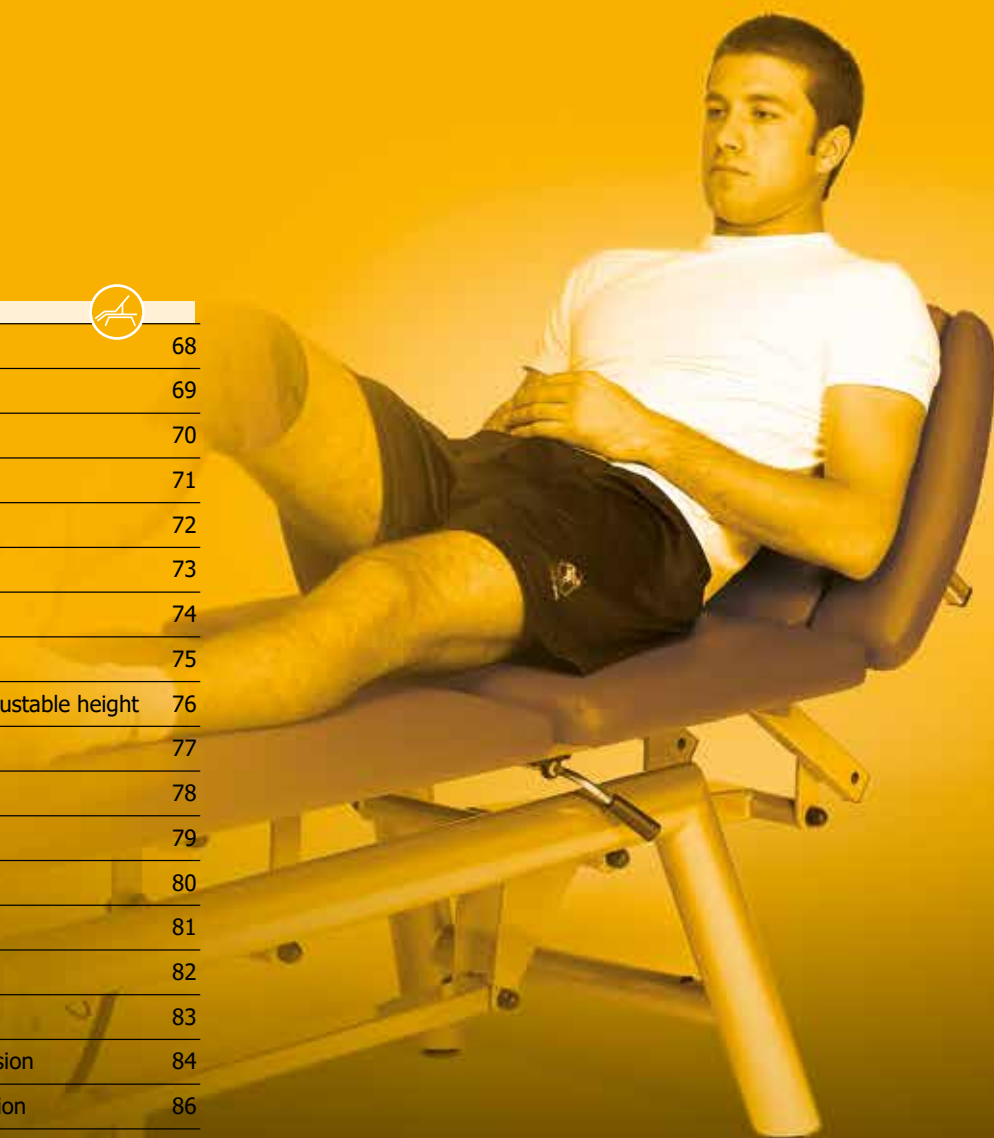




Treatment Tables



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Treatment Tables



GRANIT

Treatment Tables

(ordering code 14.501.011) 3-section treatment table with three dimensional adjustment

GRANIT is a modern and functional 3 dimensional table. It may be use for kinesiotherapy, manual therapy and massage and other types of therapy (eg. Mc Kenzie). It's stabile construction allows safe and precise therapy. This table has a possibility to vary the patient position in three space dimensions during treatment: lateral flexion, horizontal flexion/extension and rotation. That means that a therapist may comfortable, easy and precise stabilize the patient in needed position. The height of the table plate is electrically adjusted through the motor with the use of remote control. Another advantage of this table is its modern design and simple use.



TECHNICAL DATA

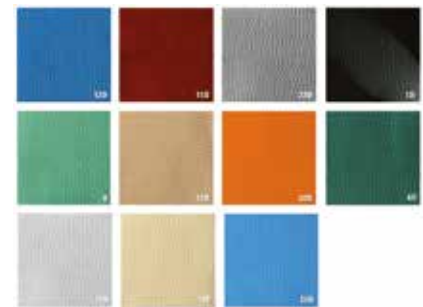
Dimensions: 2000mm x 660mm
 Maximum weight of patient: 150kg
 Weight of table: 80kg
 Table height adjustment: 490 - 1020mm
 Headrest angle-adjustment: from -35° up to 55°

3D Leg rest adjustment:
 - Frontal plane (flexion/extension) +70/-30°
 - Sagital plane (side bend) +/- 15°
 - Transversal plane (rotation) +/- 10°

Headrest:
 - 1 section with face hole
 - 3 sections (2 armrests) - optional

STANDARD AVAILABLE COLOURS

Ecological leather



OPTIONAL EQUIPMENT

- 3 sections headrest (armrest) [1] (14.501.013)*
- Central wheels system for mobility (with holders) [2] (14.501.016)
- Paper roll holder [3] (14.501.018)*
- Fixing rods for stabilization belts [4] (14.501.017)

OPTIONAL COLOURS

Natural leather



* Attention: is not possible to equip Granit with 3 sections headrest and paper roll holder at once.



(ordering code 14.501.007) 3-section treatment table with Trendelenburg and Pivot position

This rehabilitation table is designed for use in orthopedic, neurologic, rheumatic diseases treatment as well as in rehabilitation and cosmetics. Places of use are: hospitals, clinics, health centers and rehabilitation centers. The height of the table plate is electrically adjusted through the motor with the use of remote control.



TECHNICAL DATA

Dimensions:	1900mm x 660mm
Maximum weight of patient:	150kg
Weight of table:	80kg
Table height adjustment:	490 - 1050mm
Headrest angle-adjustment:	from - 85° up to 35°
Leg rest angle adjustment to sitting position:	up to 70°
Main part rest angle adjustment to Pivot position:	up to 45°
Headrest:	
- 1 section with face hole	
- 3 sections (2 armrests) - optional	

STANDARD EQUIPMENT

Fixing rods for stabilization belts [1] (14.501.017)

OPTIONAL EQUIPMENT

- Central wheels system for mobility (with holders) [2] (14.501.016)
- Paper roll holder [3] (14.501.018)
- Footswitch device [4] (14.501.015)
- 3 sections headrest (2 armrests) [5] (14.501.013)
- Footbar switch for peripheral control [6] (14.501.022)
- 3 pcs. - Set of stabilization supports [7] (14.501.023)



STANDARD AVAILABLE COLOURS

ecological leather



OPTIONAL COLOURS

natural leather

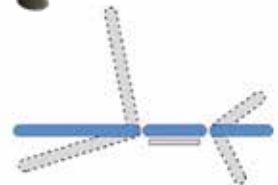


BERYL II

Treatment Tables

(ordering code 14.501.021) 3-Section Treatment Table

This rehabilitation table is designed for use in orthopaedic, neurologic, rheumatic diseases treatment as well as in rehabilitation and cosmetics. Places of use are: hospitals, clinics, health centers and rehabilitation centers. The height of the table plate is electrically adjusted through the motor with the use of remote control.



	TECHNICAL DATA	STANDARD AVAILABLE COLOURS
	<p>Dimensions: 2000mm x 660mm</p> <p>Maximum weight of patient: 150kg</p> <p>Weight of table: 75kg</p> <p>Table height adjustment: 490- 1020mm</p> <p>Headrest angle-adjustment: from -35° up to 55°</p> <p>Leg rest angle adjustment: from 23° up to 80°</p> <p>Headrest:</p> <ul style="list-style-type: none"> - 1 section with face hole - 3 sections (2 armrests) - optional 	<p>Ecological leather</p> 
	<p>OPTIONAL EQUIPMENT</p> <ul style="list-style-type: none"> • Central wheels system for mobility (with holders) [1] (14.501.016) • Paper roll holder [2] (14.501.018)* • 3 sections headrest (2 armrests) [3] (14.501.013)* <p>* Attention: is not possible to equip BERYL II with 3 sections headrest and paper roll holder at once.</p>	<p>OPTIONAL COLOURS</p> <p>Natural leather</p> 
		
		
		
 <p>[1]</p>	 <p>[2]</p>	 <p>[3]</p>

BERYL

Treatment Tables

(ordering code 14.501.006) 3-Section Treatment Table

This rehabilitation table is designed for use in orthopaedic, neurologic, rheumatic diseases treatment as well as in rehabilitation and cosmetics. Places of use are: hospitals, clinics, health centers and rehabilitation centers. The height of the table plate is electrically adjusted through the motor with the use of remote control.

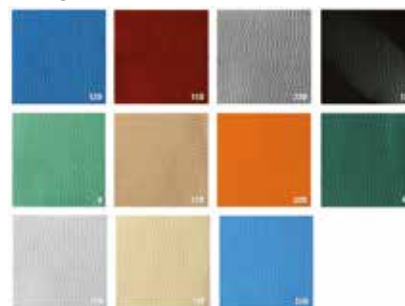


TECHNICAL DATA

Dimensions: 1900mm x 660mm
 Maximum weight of patient: 150kg
 Weight of table: 75kg
 Table height adjustment: 490 - 1050mm
 Headrest angle-adjustment: from - 85° up to 35°
 Leg rest angle adjustment up to 90° to sitting position:
 Headrest:
 - 1 section with face hole
 - 3 sections (2 armrests) - optional

STANDARD AVAILABLE COLOURS

Ecological leather



OPTIONAL EQUIPMENT

- Central wheels system for mobility (with holders) [1] (14.501.016)
- Paper roll holder [2] (14.501.018)
- Footswitch device [3] (14.501.015)
- 3 sections headrest (2 armrests) [4] (14.501.013)
- Footbar switch for peripheral control [5] (14.501.022)
- 3 pcs. - Set of stabilization supports [6] (14.501.023)

OPTIONAL COLOURS

Natural leather



(ordering code 14.501.005) 2-Section Treatment Table with Trendelenburg position

This rehabilitation table is designed for use in orthopaedic, neurologic, rheumatic diseases treatment as well as in rehabilitation and cosmetics. Places of use are: hospitals, clinics, health centers and rehabilitation centers. The height of the table plate is electrically adjusted through the motor with the use of remote control.



TECHNICAL DATA

Dimensions:	1900mm x 660mm
Maximum weight of patient:	150kg
Weight of table:	75kg
Table height adjustment:	470 - 1020 mm
Headrest angle-adjustment:	from - 85° up to 35°
Leg rest angle adjustment to Trendelenburg position:	up to 30°
Headrest:	- 1 section with face hole - 3 sections (2 armrests) - optional

STANDARD AVAILABLE COLOURS

Ecological leather



OPTIONAL EQUIPMENT

- Fixing rods for stabilization belts [1] (14.501.017)
- Central wheels system for mobility (with holders) [2] (14.501.016)
- Paper roll holder [3] (14.501.018)
- Footswitch device [4] (14.501.015)
- 3 sections headrest (2 armrests) [5] (14.501.013)
- Footbar switch for peripheral control [6] (14.501.022)
- 3 pcs. - Set of stabilization supports [7] (14.501.023)

OPTIONAL COLOURS

Natural leather



(ordering code 14.501.004) 2-Section Treatment Table

This rehabilitation table is designed for use in orthopaedic, neurologic, rheumatic diseases treatment as well as in rehabilitation and cosmetics. Places of use are: hospitals, clinics, health centers and rehabilitation centers. The height of the table plate is electrically adjusted through the motor with the use of remote control.



		TECHNICAL DATA	STANDARD AVAILABLE COLOURS
		Power supply: 230 V - 50 Hz Dimensions: 1900mm x 660mm Maximum weight of patient: 150kg Weight of table: 75kg Table height adjustment: 440 - 1010mm Headrest angle-adjustment: from - 85° up to 35° Headrest: - 1 section with face hole - 3 sections (2 armrests) - optional	Ecological leather
		OPTIONAL EQUIPMENT <ul style="list-style-type: none"> Fixing rods for stabilization belts [1] (14.501.017) Central wheels system for mobility (with holders) [2] (14.501.016) Paper roll holder [3] (14.501.018) Footswitch device [4] (14.501.015) 3 sections headrest (2 armrests) [5] (14.501.013) Footbar switch for peripheral control [6] (14.501.022) 3 pcs. - Set of stabilization supports [7] (14.501.023) 	OPTIONAL COLOURS Natural leather
		[1] [2] [3] [4] [5] [6] [7]	[7] [6]

(ordering code 14.501.020) 2-Section Treatment Table without height adjustment

This rehabilitation table is designed for use in orthopaedic, neurologic, rheumatic diseases treatment as well as in rehabilitation and cosmetics. Places of use are: hospitals, clinics, health centers and rehabilitation centers. The height of the table plate is not adjusted.

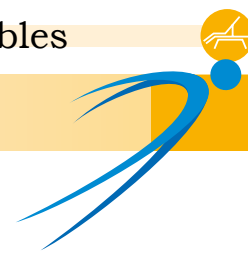


	TECHNICAL DATA	STANDARD AVAILABLE COLOURS
	<p>Dimensions: 1900mm x 660mm</p> <p>Maximum weight of patient: 150kg</p> <p>Weight of table: 35kg</p> <p>Height: 750mm - standard 650mm - optional</p> <p>Headrest angle-adjustment: from - 85° up to 35°</p> <p>Headrest: - 1 section with face hole - 3 sections (armrest) – optional</p>	<p>Ecological leather</p>
	<p>OPTIONAL EQUIPMENT</p> <ul style="list-style-type: none"> • Central wheels system for mobility (with holders) [1] (14.501.016) • Paper roll holder [2] (14.501.018) • Fixing rods for stabilization belts [3] (14.501.017) • 3 sections headrest (armrest) [4] (14.501.013) 	<p>OPTIONAL COLOURS</p> <p>Natural leather</p>

KORUND-E

Treatment Tables

(ordering code 14.501.010) Treatment table for Bobath therapy



This rehabilitation table is designed for use in orthopaedic, neurologic, rheumatic diseases treatment as well as in rehabilitation and cosmetics. Places of use are: hospitals, clinics, health centers and rehabilitation centers. The height of the table plate is electrically adjusted through the motor with the use of remote control.

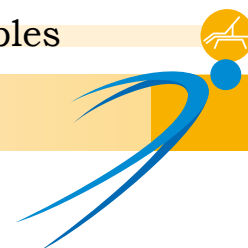


	<h3>TECHNICAL DATA</h3> <p>Dimensions: 2000mm x 1200mm Maximum weight of patient: 150kg Weight of table: 90kg Table height adjustment: 520mm – 950 mm Headrest angle-adjustment: up to 30°</p>	<h3>STANDARD AVAILABLE COLOURS</h3> <p>Ecological leather</p> 
	<h3>OPTIONAL EQUIPMENT</h3> <ul style="list-style-type: none"> • Footswitch device [1] (14.501.015) • Headrest [2] (14.501.014) • Wheels for mobility (with holders) (14.501.028) 	<h3>OPTIONAL COLOURS</h3> <p>Natural leather</p> 
	 <p>[1]</p>	 <p>[2]</p>

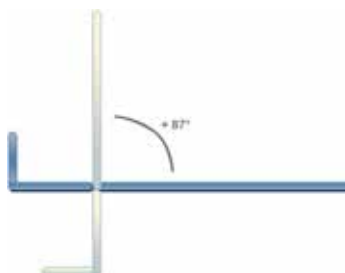
AZURYT II

Treatment Tables

(ordering code 14.501.009) Verticalization table with adjustable height



This rehabilitation table is designed for use in orthopedic, neurologic, rheumatic diseases treatment as well as in rehabilitation. Places of use are: hospitals, clinics, health centers and rehabilitation centers. The horizontal / vertical position of the table plate is electrically adjusted with the use of remote control.



MAX 150 Kg.



Main plate



TECHNICAL DATA

Power supply:	230 V - 50 Hz
Power of actuator:	6000 N
Power of actuator II (tilting process):	8000 N
As a rule the upholstery consists of two elements:	footrest and main plate
Dimensions of the table (L x P x H):	200 x 65 x 58-96 cm
Weight of the table (without patient):	105 Kg
Angle adjustment:	- of the main plate +87° - table height adjustment range 58 - 96 cm
Maximum patient weight:	150 Kg.

STANDARD AVAILABLE COLOURS

Ecological leather



STANDARD EQUIPMENT

3 pcs. - Belts for stabilization [1]	(13.022.092)
1 pc. - Fixing rods for stabilization belts (head, trunk, head) [2]	(14.501.017)

ATTENTION!

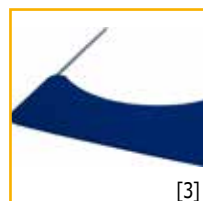
Avoid surcharge of the table plate. Maximum surcharge (in elevation and lowering) is 130 Kg, static surcharge is no more than 150 kg evenly distributed on the whole surface of the table.

OPTIONAL EQUIPMENT

• Table with adjustable height [3]	(14.501.025)
• Rechargeable battery	(14.501.024)
• Central wheel system for mobility (with olders) [4]	(14.501.016)

OPTIONAL COLOURS

Natural leather



AZURYT I

Treatment Tables

(ordering code 14.501.008) Verticalization table

Properties of AZURYT I:

- Tilting table used for patients with long-term immobilization and for the treatment of severe spinal trauma,
- Os used in surgical, orthopedic, oncological units,
- Main surface + feet support,
- Stable design: rugged steel frame,
- Powder coated frame: very resistant to scratches and bruises,
- Upholstery resistant to disinfectants,
- Precise electrical tilt adjustment with manual remote control,
- Upholstery in the selected color palette.



MAX 150 Kg.



Main plate



TECHNICAL DATA

Power supply:	230 V - 50 Hz
Power of actuator:	6000 N
Power of actuator II (tilting process):	8000 N
As a rule the upholstery consists of two elements:	footrest and main plate
Dimensions of the table (L x P x H):	200 x 65 x 58-96 cm
Weight of the table (without patient):	105 Kg
Angle adjustment:	- of the main plate +90°
Maximum patient weight:	150 Kg.

STANDARD AVAILABLE COLOURS

Ecological leather



STANDARD EQUIPMENT

3 pcs. - Belts for stabilization [1]	(13.022.092)
1 pc. - Fixing rods for stabilization belts (head, trunk, head) [2]	(14.501.017)

ATTENTION!

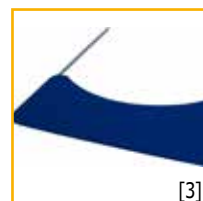
Avoid surcharge of the table plate. Maximum surcharge (in elevation and lowering) is 130 Kg, static surcharge is no more than 150 kg evenly distributed on the whole surface of the table.

OPTIONAL EQUIPMENT

- Table with adjustable height [3] (14.501.025)
- Rechargeable battery (14.501.024)
- Central wheel system for mobility (with olders) [4] (14.501.016)

OPTIONAL COLOURS

Natural leather



TF-204

Treatment Tables

(ordering code 19.022.002) Wooden treatment table for physical therapy

This **wooden table** is designed for use in physiotherapy, made of high quality wood, doesn't include metal parts. Places of use are: hospitals, clinics, health centers and rehabilitation centers.



TECHNICAL DATA

Dimensions:	1870mm x 660mm
Maximum weight of patient:	150kg
Weight of table:	30kg
Height:	700mm
Headrest angle-adjustment:	from 0° up to 35°

OPTIONAL EQUIPMENT

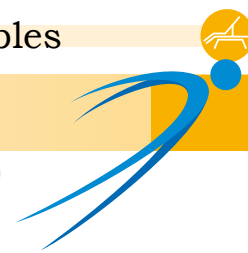
- Paper roll holder 19.022.009
- Plug for the face hole

PROPERTIES

- Two part table (central part, headrest with a hole for the face,
- High quality wooden frame,
- Upholstery resistant to disinfectants,
- Angle adjustable headrest (manually 0-35° in 3 positions),
- Upholstery in the selected color palette.

TOTAL BACK

(ordering code 14.501.001) Active therapy device



TOTAL BACK device allows you to perform an active therapy in strengthening, improving range of motion and muscle coordination. It is a complete exercise unit for postural muscles. It provides optimal conditions for stabilizing pelvis during exercises, emphasizing the stabilizing muscles of the trunk. Practical design allows you to set the device depending on the individual abilities of the patient.

Stable spine is an integral part of the functioning of the entire human body. For patients with back pain syndrome sometimes is difficult to clearly identify the cause of this situation. Generally speaking, the literature tells that consistent exercises are the most effective mean of treating and preventing spine pain syndromes. Total Back has been designed based on the latest scientific reports dealing with the treatment and prevention of pain syndromes of the spine, and therefore shows its effectiveness in work with patients. You can choose the color of the upholstery.



	The solutions allow you to:	TECHNICAL DATA										
	<ul style="list-style-type: none">• Full stabilization during exercise;• Individual selection of the load by changing the angle of the servo-controlled gas lever;• Perform a full range of active exercises at any range of motion, as well as the ability to customize the load to the individual needs of the patient;• Easily adjustable footrest using linear bearings;• Stable, durable construction;• Modern design.	<table><tr><td>Length:</td><td>1150 mm</td></tr><tr><td>Width:</td><td>780 mm</td></tr><tr><td>Height:</td><td>1050 mm</td></tr><tr><td>Weight:</td><td>40 Kg</td></tr><tr><td>Maximum weight of patient:</td><td>130 Kg</td></tr></table>	Length:	1150 mm	Width:	780 mm	Height:	1050 mm	Weight:	40 Kg	Maximum weight of patient:	130 Kg
Length:	1150 mm											
Width:	780 mm											
Height:	1050 mm											
Weight:	40 Kg											
Maximum weight of patient:	130 Kg											

AMETYST

(ordering code 13.501.005) Quadriceps Bench

Rehabilitation bench AMETYST allows to perform active exercises of knee flexion and extension with resistance. Two heads with adjustable range of motion allow simultaneous improvement of both limbs.

Bench has a stable steel frame. Backrest angle adjustment is done manually using a gas spring. In the front part of bench there is a steel structure on which the proper load is placed. It is possible to choose the color of the upholstery.

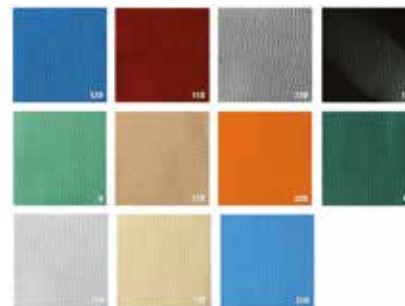


TECHNICAL DATA

Length:	1700 mm
Width:	1000 mm
Height:	760 mm
Height of back rest:	1610 mm
Back rest adjustment:	-30° - +90°

STANDARD AVAILABLE COLOURS

ecological leather



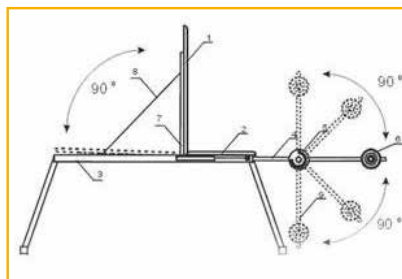
STANDARD EQUIPMENT

- 2 - Stabilization belts for leg
- Dumb-bells:
 - 2 - 0,5kg
 - 2 - 1,0kg
 - 2 - 1,25 kg



OPTIONAL COLOURS

natural leather



(ordering code 15.501.053) Rehabilitation Stairs

Stairways includes two groups of steps, group one with five steps, group two with three steps. Steel base and wooden steps included. Also supplied the adjustable handrails.

Stairways composed by modular elements allowing customer to place the product in a linear design or in a corner.



APPLICATIONS

- Education and Re-education of gait
- Training of gait with obstacles,
- Balance training
- Training of coordination of gait
- Endurance training
- Education of riding in a wheelchair

TECHNICAL DATA

DIMENSION:

All set: 2160L x 720W x 1400H mm

HANDRAILS:

Height: 600 +/- 1000 mm

Distance: 560 +/- 860 mm

Stairs I 660L x 300W x 150H mm - 5 steps

Stairs II 660L x 300W x 200H mm - 3 steps

Platform 660L x 660W x 600H mm

Weight about: 100Kg

Optionally stairways can include a ramp and one group of steps.



TNCH 1

Treatment Tables

(ordering code 15.501.052) Parallel bars

Parallel bars are used for physical or rehabilitative training activity such as kinesis therapy, neurology, orthopedic applications. Parallel bars offer a good help to educate and re-educate the gait. Parallel bars are made of a steel base and a wooden deck. Height adjustable galvanized steel handrail.

TECHNICAL DATA

Dimension: 3000 x 750 mm
Length of handrails: 3000 mm

HANDRAILS ADJUSTMENT:

Adjustment of height: 710 - 1040 mm
Adjustment of distance: 350 - 880 mm



TNCH 2

(ordering code 15.501.047) Parallel bars with obstacles

Parallel bars are used for physical or rehabilitative training activity such as kinesis therapy, neurology, orthopedic applications. Parallel bars offer a good help to educate and re-educate the gait. Parallel bars are made of a steel base and a wooden deck. Height adjustable galvanized steel handrail. Additionally parallel bars are equipped with horizontal obstacles consisting of 7 cylindrical rungs that may be inserted at various heights and distances on the lateral wooden boards.

TECHNICAL DATA

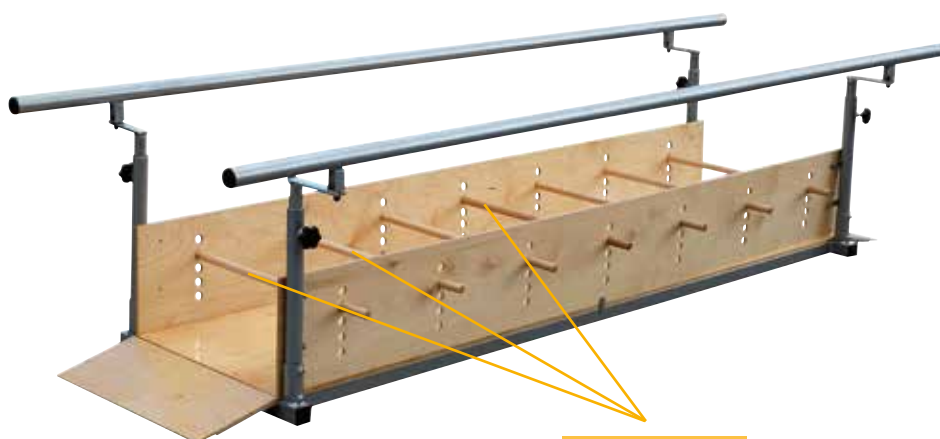
Dimension: 3000 x 750 mm
Length of handrails: 3000 mm

HANDRAILS ADJUSTMENT:

Adjustment of height: 710 - 1040 mm
Adjustment of distance: 350 - 880 mm

OBSTACLES ADJUSTMENT:

Adjustment of height: 85mm, 125mm, 165mm,
205mm, 245mm
Distance of obstacles: 400 mm



OBSTACLES

TNCH 3

(ordering code 15.501.055) Foldable parallel bars

Parallel bars are used for physical or rehabilitative training activity such as kinesis therapy, neurology, orthopedic applications. Parallel bars offer a good help to educate and re-educate the gait. Foldable parallel bars without deck. Ideal for small sized rooms. Height adjustable handrail.

TECHNICAL DATA

Dimension: 3000 x 950mm
Length of handrails: 3000 mm

HANDRAILS ADJUSTMENT:

Adjustment of height: 710 - 1040 mm
Adjustment of distance: 350 - 880 mm



Multifunctional table for exercises of hand

(ordering code 13.222.001) M12

(ordering code 13.222.002) M6A

(ordering code 13.222.010) M6B

MANUALEX is an indispensable device for neurological, orthopedic and geriatric hand rehabilitation. It provides a rapid improvement of hand performance shown by the significant increase in the joint range of movements and muscle strength and endurance. Exercises exert also a positive effect on improving proprioception in the hand, facilitating the restoration of disturbed function of neuromuscular system and provide improvements in the interaction between different muscle groups.

MANUALEX is a professional device for active exercises with resistance of hand, consisting of 12 independent positions.

MANUALEX is produced in three versions:

- **M12** (12-positional)
exercises: 1,2,3,4,5,6,7,8,9,10,11,12
- **M6A** (6-positional)
exercises: 1,2,3,5,6,11
- **M6B** (6-positional)
exercises: 4,7,8,9,10,12
- Possibility of choice of resistance column: blue, red, green
- Possibility of choice of deck color: dark and light brown



Possibility of co-working of 4 patients at the same time!!!

MAIN FEATURES

- Modern design of positions
- Functionality of devices
- Wooden deck with adjustable height
- Innovative solution in the form of resistance column localized in the central part of the table
- Independent stacks of weights
- Possibility of co-working of 4 patients at the same time
- Fast and precise adjustment of the resistance to current abilities of the patient
- Very wide resistance adjustment range of 250g - 2750g for each of the stacks

TECHINICAL DATA

Dimensions

M12 version:	1200 x 1200 mm
M6 A/B versions:	1000 x 880 mm

THE EXERCISES IN 12 POSITIONS



1. Exercise of flexion of hand fingers (position no 1)



2. Exercise of cylindrical grasp (position no 2)



3. Exercise of thumb opposition against finger II-V of hand (position no 3)



4. Exercise of pinch grasp of hand fingers (position no 4)



5. Pulling handles of different shapes to each other (position no 5)



6. Pulling up handles of different shapes (position no 6)



7. Exercises of flexion of hand fingers in opposition to thumb (position no 7)



8. Palmar and dorsal flexion of wrist (position no 8)



9. Exercise of multifinger grasp (ball) (position no 9)



10. Exercise of finger extension (position no 10)



11. Exercise of forearm pronation and supination (position no 11)



12. Exercise of ulnar and radial deviations of wrist (position no 12)

Patent P 371 137 "Multifunctional table for strenght exercises of hand" – development and property of dr Janusz Orzech

LEVITAS

Device for exercises in suspension

- (ordering code 13.501.020) LEVITAS BASIC 1
- (ordering code 13.501.021) LEVITAS BASIC 2
- (ordering code 13.501.022) LEVITAS BASIC 3
- (ordering code 13.501.017) LEVITAS PRO 1
- (ordering code 13.501.018) LEVITAS PRO 2
- (ordering code 13.501.019) LEVITAS PRO 3

LEVITAS is the perfect device for therapy in suspension mounted to metal frame.

System for functional training and exercises in suspension with free standing construction.

Set includes:

- 2 apparatus with longitudinal adjustment,
- 2 apparatus with transverse adjustment,
- allowing full body suspension and unlimited training possibilities.



MAIN FEATURES

- Complete elimination of joint compression;
- Precise regulation of alignment of suspension point and movement axis, ergonomics, space saving, functionality, ease of use;
- Localization of muscular balance disturbances;
- Easy adjustment of patient pull-up system.
- Modern construction, consisting of stable metal frame and specially designed, sliding trolley system (depending on version);
- Possibility of device position change in the training room (depending on version);
- Limited area use;
- Very good access to the patient.

Levitas BASIC 1 & PRO 1

System for functional training and exercises in suspension with free standing construction.

Full body suspension set, 3 apparatus with longitudinal adjustment.



Levitas BASIC 2, PRO 2 - ceiling mounted

Assures a lot of space for therapist and patient, making the treatment easier. Free standing version of LEVITAS allows moving of the device, still assuring enough space for performed actions. Strongly suggested in places where ceiling mounting would be difficult or questionable.



Levitas BASIC 3, PRO 3 - wall & floor mounted

This device is intended for institutions which have limited space available, or do not need all functions of the device in free standing version. Additional rail, mounted to a floor fitted part of frame extends the use range of the device.



STANDARD EQUIPMENT for LEVITAS BASIC

- 4 pcs. Shoulder and thigh sling 0.57x0.15 m (RO-07)
- 1 pc. Pelvis sling 0.9x0.22 m (RO-08)
- 1 pc. Head sling with hole 0.62x0.17 m (RO-10)
- 6 pcs. Sling line with two snap hooks and blocking clamps, 2.5 m long (LO-13)
- 1 pc. Functional and resistance training line, 5 m long (LO-14)
- 1 pc. Elastic line with fixing, 60 cm long, red
- 1 pc. Elastic line with fixing, 30 cm long, red
- 1 pc. Elastic line with fixing, 60 cm long, black
- 1 pc. Elastic line with fixing, 30 cm long, black
- 1 pc. Accessory hanger

OPTIONAL EQUIPMENT for LEVITAS BASIC

- Single handle for Levitas (OM-7)
- Hand handle straight x 3 (LO-1)
- Sensomotoric pillow for training with diameter of at least 33 cm
- Training cylinder min. 15 x 50 cm

STANDARD EQUIPMENT for LEVITAS PRO

- 4 pcs. Shoulder & thigh sling 0.57x0.15m (RO-07)
- 1 pc. Pelvis sling 0.9x0.22m (RO-08)
- 1 pc. Chest sling 0.78x0.24m (RO-09)
- 1 pc. Head sling with hole 0.62x0.17m (RO-10)
- 1 pc. Lower chest sling with 4 fixing points (SO-11)
- 1 pc. Chest stabilizing belt (SO-12)
- 1 pc. Elastic-side boot (SO-10)
- 2 pcs. Self tightening sling (SO-07)
- 14 pcs. Sling line with two snap hooks & blocking clamps, 2.5 m long (LO-13)
- 1 pc. Functional & resistance training line, 5 m long (LO-14)
- 2 pcs. Elastic line with fixing, 60 cm long, red
- 2 pcs. Elastic line with fixing, 60 cm long, black
- 1 pc. Extender 0.5 kg (RO-15)
- 1 pc. Extender 1 kg (RO-16)
- 1 pc. Extender 1.5 kg (RO-17)
- 1 pc. Extender 2 kg (RO-18)
- 2 pcs. Hand handle straight (LO-1)
- 1 pc. Accessory hanger



LEVITAS MINI (ordering code 13.501.023)

It is a less expensive alternative of a great rehabilitation/training room equipment. Thank to a big number of mounting points for slings and ropes, this device allows to perform almost the same huge amount of exercises as the free standing version.

LEVITAS MINI is a device enables shaping and influencing our muscular system. All muscles can be developed individually and collectively in any way. Thanks Levitas Mini, we can increase strength, endurance and muscle mass.

LEVITAS MINI - Universal device for suspension exercises with resistance. It was designed for everyone who wishes to improve their physical efficiency.

LEVITAS MINI may be useful in:

- Orthopedics and traumatology
- Rheumatology
- Neurology
- Cardiology
- Diabetology
- Pediatrics
- Geriatrics
- Endocrinology
- Sports medicine



MAIN FEATURES

- It may be used in rehabilitation, sport, fitness and faulty posture treatment
- Exercises may be performed not only by young and mature women and men, but also disabled people
- Affordable alternative of gym equipment
- Simple and easy application
- Enables exercises of all muscle groups
- Enables individual adjustment of exercises to the patient's needs and abilities
- Progressive, linear resistance increase
- Enables self-assessment of rehabilitation progress
- It may be installed almost everywhere
- Requires small space
- Exercises are performed in one place without moving of practitioner

LEVITAS MINI device enables performing exercises described in physiotherapy as:

- Passive exercises
- Active-passive exercises
- Self-supporting exercises
- Active exercises with weight support
- Active free exercises
- Exercises with resistance
- Isometric exercises
- Synergistic exercises
- Exercises improving the general health
- Stretching exercises

STANDARD EQUIPMENT

- 4 pcs. Arm and thigh sling (RO-07)
- 1 pc. Chest sling 0,78x0,24m (RO-09)
- 1 pc. Pelvis sling 0,9x0,22m (RO-08)
- 1 pc. Head sling with a hole (RO-10)
- 1 pc. Elastic-side boot (RO-14/SO-10)
- 2 pcs. Self-clamped sling (SO-07)
- 10 pcs. Sling for suspension 2m (2 snap hooks + clip block) (LO-13)
- 1 pc. Sling for resistance exercises 5,5 m (2 snap hooks + clip block) (SO-14)
- 2 pcs. Yellow tubing
- 2 pcs. Red tubing
- 2 pcs. Green tubing
- 2 pcs. Black tubing
- 2 pcs. Silver tubing
- 2 pcs. Tubing grip
- 4 pcs. Blocks with snap hook
- 8 pcs. Stick clips with grips to snap hooks

SPECIFICATIONS

Code of device	Device	Version
13.501.023	LEVITAS MINI	Horizontal bar for resistance training - Wall mounted version
13.501.022	LEVITAS BASIC 3	System of 3 longitudinal trolleys on sliding bushings, wall and floor mounted
13.501.021	LEVITAS BASIC 2	System of 3 longitudinal trolleys on sliding bushings, ceiling mounted
13.501.020	LEVITAS BASIC 1	System of 3 longitudinal trolleys on sliding bushings, standing version
13.501.019	LEVITAS PRO 3	System of 2 longitudinal and 2 transverse trolleys wall and floor mounted
13.501.018	LEVITAS PRO 2	System of 2 longitudinal and 2 transverse trolleys ceiling mounted
13.501.017	LEVITAS PRO 1	System of 2 longitudinal and 2 transverse trolleys standing version

TECHNICAL DATA

LEVITAS version	Lenght	Width	Height
BASIC 1 PRO 1	3230	1200	3230
BASIC 2 PRO 2	3100	1000	1750
BASIC 3 PRO 3	2940	1200	2110
MINI	1176	1200	2522

(ordering code 13.171.001) Set for exercise in suspension

DOLOMITE - set for exercise in suspension is widely used for various exercise for different pathologies of movement system. It is used for orthopedic, neurologic, rheumatologic patients.

System can be used for partial (segmental) suspension or total body suspension, for unweighting purposes as well as for resistive training for various body segments.

Complete set includes 8 pieces, rectangular frames with net of metal rods for attachment of various accessories for unweighting, suspension and resistance during training.

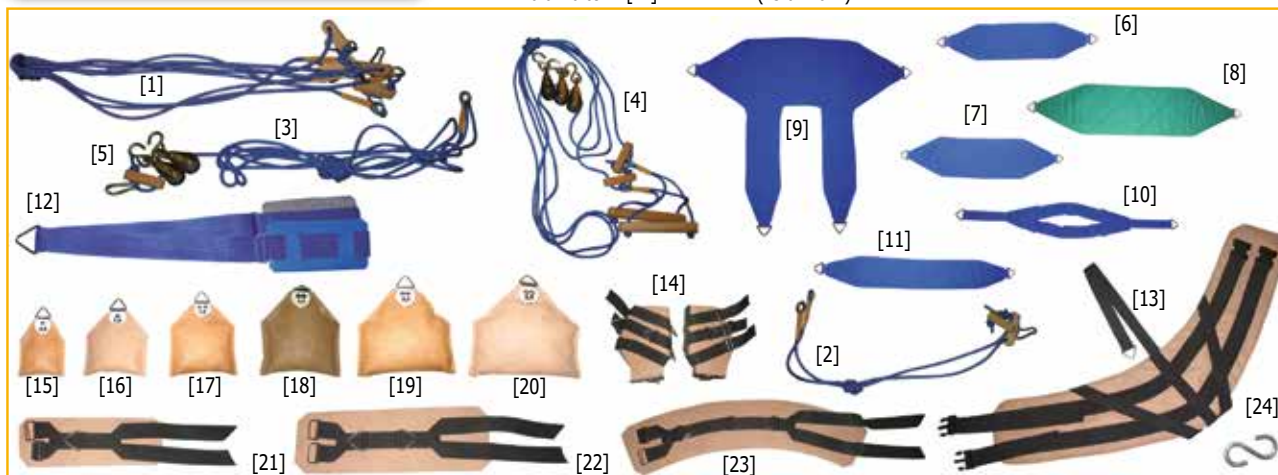


TECHNICAL DATA

Width:	2000 mm
Depth:	2000 mm
Height:	2000 mm
Space covered:	4 m ²
Weight:	114 Kg

STANDARD EQUIPMENT

10 pcs.- Cord to hang L. 1.6 m [1]	(13.022.038)	2 pcs. - Sling for two joint L. 0.83 m [12]	(13.022.012)
2 pcs. - Cord to hang L. 0.96 m [2]	(13.022.002)	1 pc. - Universal belt for pelvis L. 1 x 0.16 m [13]	(13.022.013)
1 pc. - Cord to self help exercises L. 2.25 m [3]	(13.022.003)	1 pc. - Boot for exercises [14]	(13.022.014)
1 pc. - Cord to resistance exercises L. 5.5 m [4]	(13.022.004)	2 pcs. - Extender 0.5 Kg. [15]	(13.022.015)
2 pcs. - Cord to resistance exercises L. 3.5 m [5]	(13.022.005)	2 pcs. - Extender 1.0 Kg. [16]	(13.022.016)
4 pcs. - Sling for forearm and shank L. 0.47 x 0.11 m [6]	(13.022.006)	1 pc. - Extender 1.5 Kg. [17]	(13.022.017)
4 pcs. - Sling for arm and thigh L. 0.57 x 0.15 m [7]	(13.022.007)	1 pc. - Extender 2.0 Kg. [18]	(13.022.018)
1 pc. - Sling for pelvis L. 0.9 x 0.22 m [8]	(13.022.008)	1 pc. - Extender 2.5 Kg. [19]	(13.022.019)
1 pc. - Sling for chest L. 0.78 x 0.24 x 0.43 x 0.11 m [9]	(13.022.009)	1 pc. - Extender 30 Kg. [20]	(13.022.020)
1 pc. - Sling for head L. 0.62 x 0.17 m [10]	(13.022.010)	1 pc. - Cuff for wrist L. 0.25 x 0.08 m [21]	(13.022.021)
2 pcs. - Narrow sling for foot L. 0.6 x 0.09 m [11]	(13.022.011)	1 pc. - Cuff for ankle L. 0.33 x 0.1 m [22]	(13.022.022)
		1 pc. - Cuff for thigh L. 0.48 x 0.11 m [23]	(13.022.023)
		30 pcs.- Hook [24]	(13.022.024)





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