



**TOP -QUALITY
PHYSIO CONCEPT**

**— ELECTRONIC EQUIPMENT FOR PHYSIOTHERAPY,
SPORT MEDICINE AND REHABILITATION**





**ELECTROTHERAPY
VACUUM THERAPY
ULTRASOUND
COMBINED DEVICES**

**MAGNETIC THERAPY
RADAR THERAPY
LASER THERAPY
HIGH POWER LASER**

**PRESSURE THERAPY
SHOCK WAVES
ENDODIATHERMY
MODULAR DEVICES**



EME SRL

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— EME THE GROUP

— FOR EVERYONE, EVERYWHERE, EVERY TIME

EME was created in 1983, since then EME has become an industrial group thanks to the experience of professionals in the fields of production and technological innovation. The new lines of safe and reliable equipment for Physiotherapy, Aesthetics and Aesthetic Medicine have allowed EME to successfully develop its offer in 60 countries around the world, with a production proudly marked Made in Italy. EME has created 5 divisions in order to concentrate and optimise the company resources in each product sector. Each product follows the vision of EME: we offer quality, innovative solutions and high-tech devices for everybody, everywhere, every time.

— A STRONG CORPORATE IDENTITY

Since its birth, EME has been updating the vision that guides its development and values in support of its actions. The aim has always been to focus on the creative and production energies to create a unique and strong corporate identity. EME has been true to its values and has applied this very practical and participative approach by investing since the beginning in resources of technological innovation to create a range of cutting-edge products. Our real estate is not just the industrial property, but also the intellectual assets of men who have been working with us for over 30 years. Research and development are two pillars of EME.

— MISSION

Our Mission is to provide our cutting-edge technology to the international markets, to become a trusted partner for whom relies on us to achieve successful targets, to devise ad-hoc solutions that meet the needs of our partners, to search for new solutions in the design and characteristics of each product and to invest on quality and excellence Made in Italy.



OUR VALUES

_ OUR VALUES

INNOVATION applied in the research and development of technologically advanced products and in the offer of qualified services, oriented to the total satisfaction of the Client, who is the real employer of our company.

VALUE OF HUMAN RESOURCES involving and motivating each employee of the company.

VALUE OF HEALTH each environment inside the company is equipped with a device for air depollution to protect the health of each employee.

INDUSTRIAL VOCATION applied in the development and production of high-performance quality products.

RESPECT OF THE ENVIRONMENT at EME we are replacing more and more paper with digital documents and we use materials and paints with a low environmental impact.

_ RESEARCH AND DEVELOPMENT

The department of Research and Development is the heart of EME group. In the R&D department our specialists process the inputs from the users in order to develop new products, improve existing ones and make them all unique products that stand out from those of our competitors.

_ EME QUALITY SYSTEM

EME Srl is certified ISO 9001:2008 and ISO 13485:2012. Each piece of equipment is supplied with a testing certificate in compliance with current regulations. Furthermore, all medical devices comply with European regulations and they are marked CE0476 (directive 93/42/CEE).



THE DIVISIONS OF EME GROUP

_ DIVISIONS

The creation of different divisions within EME derives from in order to concentrate and optimise the company resources in each product sector. Each division has a dedicated workgroup which aims at offering ever innovative solutions and high-tech devices in line with corporate values and mission.

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_ EME PHYSIO

Division for designing and producing physical therapy and rehabilitation devices. EME Physio offers a whole range of devices for physical therapy with different options to meet the different needs of the final users. A high-quality brand for reliable and easy-to-use devices.



_ EME ESTETICA

Division for designing and producing beauty care devices. Estetic Italia is the "MEDITATED TECHNOLOGY", for aesthetic operators and aesthetic medicine doctors who need forefront, fundamental and easy-to-use devices as well as the guarantee of great results and high quality.





_ LIFE-STIM

LIFE-Stim is an innovative medical device for modular Neurostimulation, which acts on small nerve endings by increasing the vascularization and therefore the release of growth factors tissue.

A new treatment method for pain relief in acute and chronic phase, and against diabetic neuropathy.



_ KIEMÈ

Kiemè is a line of professional cosmetics developed with natural active ingredients for the treatment of imperfections of the face and body. The products developed in Kiemè have been specially designed to be used in synergy with the aesthetic and aesthetic medicine equipment, in order to achieve better and long lasting effects.



_ OEM

Division for the production for third parties.

OEM designs and produces customized devices for physical therapy, beauty care and aesthetics.

Our technology is at your disposal!





_ SERVICES

The know-how gained by EME over the last 30 years of work in the sector of physiotherapy and rehabilitation is not only part of our company's cultural property. In fact, it is shared with all the partners and colleagues who want to join EME, with the common goal of creating a successful business.

EME is not only a manufacturing company, but also a supplier of essential and strategic services suitable for the promotion and distribution of all EME Physio's systems.

_ MARKETING

Our marketing managers support dealers and agents with promotional tools for all types of business.

_ PREMIUM SERVICE

We will offer an additional six-month warranty extension. By registering the equipment to our reserved area, its warranty will automatically be extended of 6 months for a total of 30 months.

_ COMMERCIAL AND TECHNICAL SUPPORT

Our customers can talk directly to our specialist through a live chat in order to solve immediately every problem that might occur.

_ TRAINING COURSES

Our training courses focus in-depth analysis of EME Physio's technologies. Our Physio-specialists will clarify all the doubts that might appear regarding our technologies and how to use them when treating patients.

_ RESERVED AREA

In our website you will have the opportunity to sign-up yourself as a customer or a dealer in order to have easy access to all the HD materials that can be useful for your work.



OUR CUSTOMERS ARE OUR STRENGTH

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EME REFERENCES

ITALY

- Fondazione Santa Lucia, Roma
- Istituto Santo Stefano, Ancona
- Ospedale Umberto I, Napoli
- Ospedale di Palermo
- 1° Reggimento Carabinieri Paracadutisti
Estav Nord Ovest / Centro / Sud Est (Toscana)
- Fondazione Don Carlo Gnocchi
- Azienda San. Alto Adige – Comprensorio San. Bolzano

SPAIN

- Area de Salud 5/6
- Consilleria de Sanidad de la Comunidad Valenciana
- Centro de Atencion a mayores de la Generalidad, Valencia
- Conselleria de bienestar Social De Valencia
- Centro Medico Zulaica, Madrid
- Hospital de Henares de Madrid
- Fisiocentro Leon
- Servicio Aragones de Salus de Aragona

PORTUGAL

- Clinica do Palacio, Lda, Peso de Regua
- Clinica Med. Fisica e Reabilitacao de Vizela, Lda, Guimaraes
- Cupido Clinico – Servicos de Saude, Lda, Riba de Ave

FRANCE

- Kinésithérapeute Brasier Pierre, Annecy
- Ecole Nationale de Kinesitherapie

GERMANY

- Tino Roth, Worbis
- Sportphysio Bitburg, Bitburg

SWITZERLAND

- Physio am Bahnhof, Rueti

UK

- The Dove clinic for integrated medicine, Hampshire
- Physiotherapy and Sport Injury Clinic, Oxfordshire

ROMANIA

- Hospital of Constanca
- Sanatorium Busteni

CROATIA

- Daruvarske Toplice
- Specijalna Bolnica Za Medicinsku Rehabilitaciju

SERBIA AND MONTENEGRO

- Clinical center belgrade :
- Spa soko banja
- Basketball club fmp
- Hospital center loznica
- Hospital center cuprja

GREECE

- General Hospital of Attika, Athens
- Special Centre of handicap, Athens
- General Hospital of Lesvlo Island

LITHUANIA

- Sirvintu Hospital
- Druskininku Hospital
- Klaipeda Seamens Clinic

INDIA

- Dg sports authority of india
- All india institute of medical sciences
- Doon hospital.
- Guru jambashwer university
- Dolphin college
- College applied education
- I.I.Mt. Medical hospital and college

PAKISTAN

- Isra Islamic foundation Limited, Hyderabad
- North Nazimabad Hospital
- Wapda Complex Hospital, Feroze Pur Road, Lahore
- Arm Forces Institute Rehabilitation

ETHIOPIA

- Assella Hospital, Addis Abeba

EGYPT

- Police Academy, Cairo
- El Tawheed Medical Center, Port Said City
- Federal Association of Football, Cairo
- Local Association Heliopolis Kholafaa Rashdeen, Cairo
- Local Association in Menoufiay Governorate
- Kader Factory Medical Center Military Forces, Cairo
- Ministry of Health, Port Said City
- Ministry of Health, Ismailia City
- Hanin Medical Center, Suez City
- El Zeiny Medical Center, Alexandria
- Red Crescent Association, Kalioubia City
- Sedky Medical Center, Cairo
- Ministry of Health, Shoubra City

SAUDI ARABIA

- Bagedo Hospital, Jeddah
- K.S.A Hospital, Riyadh

JORDAN

- University Hashemite, Amman
- UNRWA, Amman

LEBANON

- Laro Medical center, Beirut

BAHREIN

- Physical therapy and Rehab center, Manama

OMAN

- German orthopaedic Centre, Muscat

INDONESIA

- Imanuel Hospital at Bandar Lampung
- Harapan Bunda Hospital at Jakarta
- Permata Hospital at Jakarta
- Retna Clinic at Jakarta

MALAYSIA

- Pantai Hospital, Kuala Lumpur

BELARUS

- Maternity Hospital of the Minsk region
- Republic Center for Medical Rehabilitation and Balneotherapy, Minsk

AZERBAIJAN

- Medical hospital Neurospine, Baku
- Medical center Tebriz, Baku

TURKMENISTAN

- Farab Sanatorium, Farab

KAZAKISTAN

- Kazakhstan Center of Neurosurgery, Astana

RUSSIAN FEDERATION

- FGBU "Scientific Research Institute of Cardiology, Tomsk
- Altamedika, Moscow
- FMBA Hospital № 85, Moscow
- FMBA Hospital №86, Moscow
- GUVB Police Hospital, Moscow
- MVD Police Hospital, Moscow
- Medical Center, Samara

UKRAINE

- Institute of traumatology and orthopedics of the Academy of medical sciences of Ukraine, Kiev
- Medical Center of Rehabilitation of railwaymen of PZZ, Hmil'nik

MAXIMUM POWER

The new line Elektra by Eme Physio was created to meet the needs of professionals in the sector: they are ever more looking for innovation and for products that can improve the results of their work and simplify their tasks.

The EleKta line supports the professional in their work, guiding them step by step to deliver the best treatment providing on display useful information on it.



— ELEKTA LINE

— SHOCK MED



**— SHOCK MED
COMPACT**



— HR TEK



— HR TEK DESK



— CRYSTAL YAG



— CRYSTAL YAG DESK



— POLYTER EVO



— BI POWER LUX



— COMBIMED 4000



— ELEKTRA 2



— PRESSOMED EVO





_ NEW GENERATION TECHNOLOGY

Shockwaves are acoustic waves that deliver high energy. They pass through the skin surface and spread in a radial way through the body in the painful area. Shock Med delivers radial (ballistic) shockwaves. The shockwave is generated in a special gun-shaped applicator: a steel bullet is shot against a metallic lid inside the barrel of the applicator by means of compressed air (pressure up to 5 bar). This process generates a shockwave that spreads in a radial way through the skin and the first tissue layer under it or in a focused way (depending on the transmitter used).

The body responds by increasing metabolic activity in the area being treated and this helps to reduce the inflammation caused by the pain-killing action of released local endorphin. This system stimulates and accelerates the healing process.

The penetration depth varies from 4 to 7 cm.

_ INDICATIONS:

Shockwave therapy is the best treatment for chronic insertional tendinopathies, characterised by poor vascularisation of the osteotendinous junction, when the physiotherapeutic treatment (infiltrations and laser therapy) has proved ineffective.

These are the main pathologies treated with shockwaves:

- Elbow – epicondylitis, epitrocleitis.
- Shoulder – insertional tendinopathies, impingement.
- Knee – patellar and “goose’s foot” tendinopathies.
- Pubis – adductor tendinopathies (pubalgia).
- Ankle – achilles tendinopathy, calcaneal apophysis.

Main application fields:

- Orthopedics
- Physical rehabilitation
- Sport medicine
- Aesthetic medicine

Available models



SHOCK MED – SW1352

Device for radial shockwaves, power up to 5 bar, adjustable frequency 1-20 Hz



SHOCK MED COMPACT – SW1350

Portable device for radial shockwaves, power up to 1 - 4 bar, adjustable frequency 1-15 Hz

THE SMART SHOCKWAVE THERAPY

- **Wide display:** 8" colour touch-screen.
- **Procedure function:** A practical and handy application manual of the shockwave therapy, based on four fundamental steps:
 - Localise the painful area by touch;
 - Select the therapy parameters (manually or using preset programs);
 - Apply gel;
 - Start the shockwave therapy.
- **Therapeutic suggestions** divided per body part.
- **Patient file** for storing all patient's data, treatments and short case history.
- **One-Touch mode:** by pressing just once the activation button the procedure will start and continue until the end of the therapy, or until the operator will press again the button to pause the execution of the treatment.
- **Soft Rebound System:** rebounding to the therapist's arms was reduced by 95% thanks to the new applicator developed by EME, which has an internal spring system to dampen the rebound effect.
- **USB Key** to store many personalised treatments and patient files.

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SUPPLIED ACCESSORIES	SHOCK MED	SHOCK MED COMPACT
User manual in DVD	1	1
Shock Med applicator	1	1
9mm multifocused transmitter	1	1
15mm focused transmitter	1	1
15mm multifocused transmitter	1	1
Gel 260 ml	1	1
USB Key	1	1
Interchangeable kit	1	

Optional accessories → pg.62

Technical specifications → pg.76



_ DIATHERMY WITH SENSATIONAL EFFECTS

HR TeK is an innovative therapeutic device for endothermal energetic transmission with capacitive/resistive modes. It stimulates from the inside the biological structures (tendons, muscles, joints) and natural reparative and anti-inflammatory processes of the human body.

By the interaction between electro-magnetic energy and tissue, diathermy causes the temperature inside the tissues to increase in a controlled uniform way.

_ HOW IT WORKS

HR TeK is composed of a generator that conveys alternate current and an application circuit, consisting in two electrodes. The electrodes are applied to the patient's body, which becomes a part of the electric circuit.

There are different types of electrodes:

- resistive type electrodes: the treatment is delivered through a resistive (non isolated) electrode that moves the charges and concentrates them in the deeper areas with a greater resistance (bone matrix and deep muscles).
- capacitive type electrodes: the capacitive contact transfer is executed through an electrode, shielded with a ceramized isolating material, that moves the charges (ions) in the subcutaneous tissues. The electrodes come in different sizes for different body areas.

HR TeK stimulates the increase of haematic flux in a direct way, thanks to the increase of temperature, and, indirectly, thanks to the request for oxygen by tissues treated; the increase of blood induces an increase in immune defences and stimulates tissue regeneration.

The main application fields are the following:

- Dermatologic pathologies.
- Traumatology.
- Sport medicine.
- Aesthetic medicine.
- Skeletal muscle pain.
- Inflammatory pathologies of joints and tendons.
- Periarticular pathologies (bursitis, calcifications, etc..).

Available models



HR TEK – HT1344



HR TEK DESK – HT1343

_ OPERATING MODE AND BENEFITS

CAPACITIVE: the effect is concentrated in the area under the mobile electrode. It acts on soft tissues, rich in water, such as muscles, the lymphatic system etc., HR TeK, when used in capacitive mode, gives excellent results in:

- the treatment of fracture after-effects.
- articular and peri-articular pathologies.
- drainage of post-traumatic oedemas.

RESISTIVE: it is effective with all tissues with a higher resistance and a low water content. The biological effect is obtained in the tissues with a higher resistance interposed between the mobile electrode and the return plate, that is bones, joints, tendons, ligaments and cartilages.

HR TeK, when used in resistive mode, gives excellent results in:

- generic traumatology.
- sport traumatology.
- arthritis.
- arthrosis.
- tendinitis.
- capsulitis and bursitis.
- calcaneal spur syndrome.

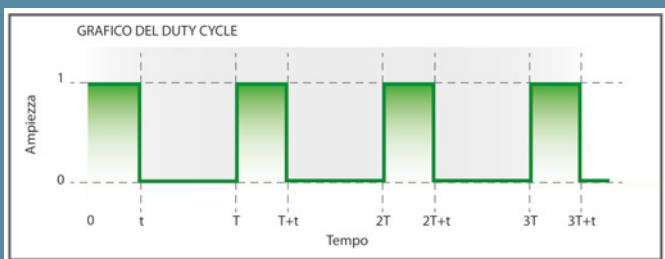
_ HR TEK, LET THE WARMTH HEAL YOU

- _ Wide display: 8" colour touch-screen.
- _ Output power up to 300W.
- _ Exclusive applicator for resistive and capacitive treatments with integrated power regulating button (available only for the model HR TeK).
- _ Patient file for storing all patient's data, treatments and short case history.
- _ Help button. Each therapeutic suggestion shows indications on its use.
- _ Therapeutic suggestions divided per body part, according to anatomical areas, specialist branches.
- _ USB Key to store many personalised treatments and patient files.
- _ Meter of the real treatment time by the new contact detection system.
- _ Impedance meter displaying real time values.

SUPPLIED ACCESSORIES	HR TEK	HR TEK DESK
User manual in DVD	1	1
Applicator for resistive electrodes	1	1
Kit of resistive electrodes Ø 30-50-70-80 mm	1	
Kit of resistive electrodes Ø 30-50-70 mm		1
Applicator for capacitive electrodes	1	1
Kit of capacitive electrodes Ø 30-50-70-80 mm	1	
Kit of capacitive electrodes Ø 30-50-70 mm		1
USB Key	1	1
Bottle of conductive gel, 1000ml	1	1
Steel plate	1	

Optional accessories → pg. 63

Technical specifications → pg. 76



_CONTINUOUS MODE AND DUTY CYCLE

Crystal Yag can work in continuous mode delivering power up to 25W, or in Duty Cycle pulsed mode which alternates allowing to alternate the laser emission, so as to reduce the "power effect" of the laser (i.e. the photo-thermal effect which induces an increase in local temperature) and, thus, cool down the tissue area treated, between pulses. This system makes the bio-stimulation effect of tissue more effective and significant.

_CRYSTAL YAG

Crystal Yag emits with a wavelength of 1064nm, which falls in the laser "therapeutic window" infra-red lasers that spans from 400 to 1600nm. The light beam delivered by Crystal Yag can be regulated up to a maximum power of 25W, which has a high value of tissue penetration. Its effects provide photo-chemical bio-stimulations on the cellular membrane and inside the mitochondrions, acting in depth in the tissues and inducing significant effects of metabolic, analgesic, anti-oedema, antiphlogistic stimulation.

With Crystal Yag you can treat safely all muscle-skeletal inflammatory conditions, both superficial and in depth, inducing already in the first session a decrease in pain and mobility recovery.

_THERAPEUTIC INDICATIONS

The protocols developed with Crystal Yag allow therapy induce a rapid resolution of the most common pathologies in the following fields: orthopaedics, physiatry, dermatology, rheumatology and sport medicine.

The list of the main pathologies that can be treated includes:

- arthrosis and degenerative processes of cartilage.
- bursitis, synovitis, capsulitis, epicondylitis, shoulder impingement syndrome.
- tendinitis and tenosynovitis.
- oedema and trauma haematomas.
- post-traumatic or overload pathologies.
- abductor syndromes, sprains, enthesitis, patellar chondropathy and sport traumatology.

More specifically, it is possible to treat:

ACUTE PATHOLOGIES

- Tendinopathy (tendinitis, peritendinitis, tenosynovitis, insertional and calcific tendinitis, tendinosis, partial lesions).
- Distortion traumas and post-traumatic oedemas.
- Muscle lesions.
- Synovitis and bursitis.
- Back pain and lumbago.
- Fibromyalgic syndrome.
- Osteochondritis dissecans and osteochondral lesions.

DEGENERATIVE PATHOLOGIES

- Osteoarthritis.
- Degenerative chondropathies.

CRYSTAL YAG



CRYSTAL YAG - HL1364



CRYSTAL YAG DESK - HL1363

Available models

- Hyper-polarization of the nerve fibre membranes causing an analgesic effect (the perceptual threshold of the algotrope endings rises up and the release of endorphin increases significantly.)

_WINNING FEATURES

- _ Wide display: 8" colour touch-screen and updatable software.
- _ Multispot probe with integrated separator.



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- _ Therapeutic suggestions divided per body part.
- _ Patient file for storing all patient's data, treatments and short case history.
- _ USB Key to store many personalised treatments and patient files.
- _ Help button. Each therapeutic suggestion shows indications on its use.

_GUARANTEED RESULTS

- Reduction of pain, in some cases with the first treatment.
- Deep action on tissues.
- High biostimulating effect.
- A winning combination that makes patients fully satisfied with the treatment.

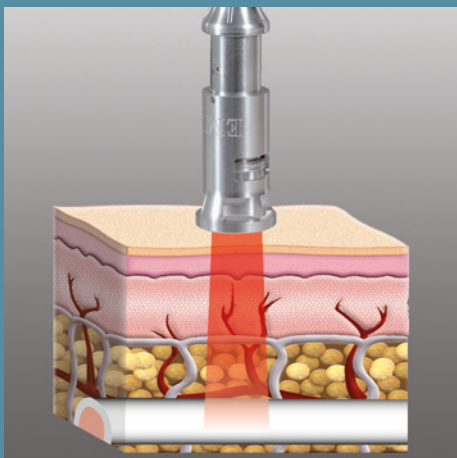
_EFFECTS ON TISSUE

Significant mitochondrial stimulation with the following increase:

- Production of ATP (photochemical effect: it accelerates the transformation process of AD into ATP, the electrolyte replacement between intra and extra cellular environments).
- Activation of micro-circulation (photo-thermal effect: it activates the replacement modifying the intracapillary hydrostatic pressure).
- Activation of lymphatic peristalsis (photo-mechanical effect: the deep lymphatic system is stimulated causing a rapid absorption of the inflammatory agents with effective results also in the fluid accumulations).

SUPPLIED ACCESSORIES	CRYSTAL YAG	CRYSTAL YAG DESK
Defocused laser probe (detachable)	1	
Defocused laser probe (incorporated with the device)		1
Laser protective goggles	2	2
USB Key	1	1
Interlock	1	1
Pedal with foot protection	1	1
User manual in DVD	1	1

Optional accessories → pg.63 Technical specifications → pg.77



The application fields where you can get great benefits by delivering Bipower Lux laser therapy are the following:

SPORT TRAUMATOLOGY:

- Muscle strains and extensions.
- Articular distorsions.
- Epicondylitis.
- Tendinitis and enthesitis.
- Contusions, hematomas and bruises.
- Bursitis.

GENERAL MEDICINE AND DERMATOLOGY:

- Decubitus ulcers, cheloids, torpid sores treated thanks to its well known biostimulating and anti-infective effects.

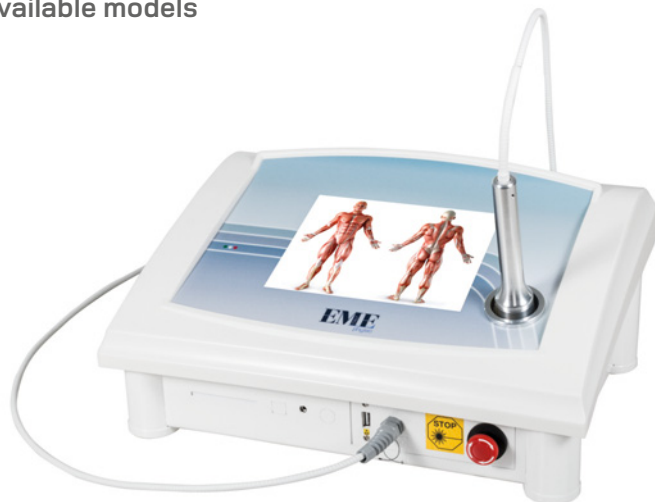
ARTHRO-RHEUMATIC PATHOLOGIES:

- Arthrosis.
- Sciatica.
- Scapular-humeral periarthritis.
- Arthropathies of hands and feet.
- Epicondylitis.
- Hip arthrosis in the early stage.
- Gonalgia with or without effusion.
- Myogenic stiff neck.
- Lumbago – Myositis, etc.

REHABILITATIVE THERAPY:

- Articular motor rehabilitation after removing plaster casts or after orthopaedic surgical operations.

Available models



BIPOWER LUX 6W
HL1362/6



BIPOWER LUX 12W
HL1362/12

THE EVOLUTION OF LIGHT

The new range of high power lasers uses optical fibre to convey high laser powers (6W - 12W) directly to the skin without dispersions. Bipower Lux treats effectively inflammatory and degenerative pathologies of the orthopaedic neurologic, dermatologic fields and reduces the recovery time. Bipower Lux has become an essential treatment especially for the sport medicine, as it allows a fast recovery time and the healing of many sportsmen, for whom time is a key factor in their career.

HIGH ENERGETIC IMPACT WITH DUAL WAVELENGTH

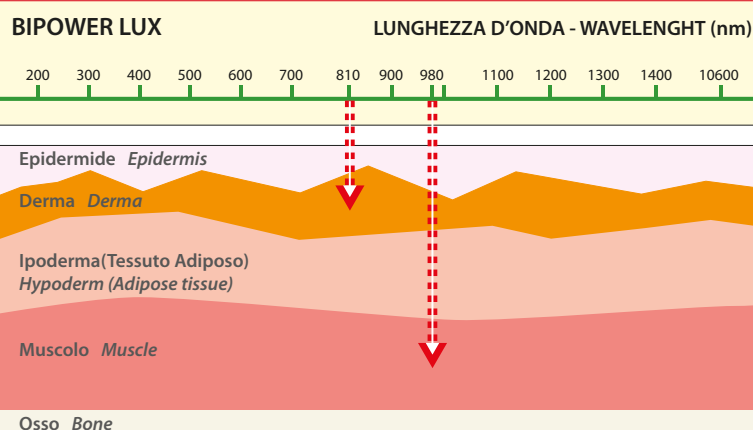
Bipower Lux combines 2 wavelengths, 810+980 nm, to be used in combined therapy, and gets the best of their main therapeutic actions:

810 nm wavelength has a high depth of penetration in the tissues and gives an excellent biostimulating effect.

980 nm wavelength has a high level of absorption in the fluids and provides a high analgesic effect.

Bipower Lux is recommended for superficial pathologies in general medicine and dermatology and for orthopaedic and sport medicine pathologies (contusions, bursitis, tendinitis, etc.). It has a high biostimulating effect because it covers the whole therapeutic window of high power therapeutic lasers (HPLS -->high power laser system) with a very high output power (up to 12W).

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ACCESSORI IN DOTAZIONE

BIPOWER LUX 6/12W

Manipolo in Fibra ottica	1
Occhiali protezione laser	2
Manuale d'uso in DVD	1
Chiave USB	1
Interlock	1
Pedale con protezione piede	1

Accessori opzionali → p. 63

Specifiche tecniche → p. 75



_ SUPPLIED WAVEFORMS

- Galvanic – continuous; interrupted;
- Dyadinamic – monophasic;
- Biphasic; monophasic sync.;
- Biphasic sync.; CP; LP
- Pulse – rectangular; triangular; traebert
- Faradic – rectangular; triangular; neodynamic
- Tens – burst; random; modulated; al tens
- Biphasic – symmetric; asymmetric
- Interferential – quadripolar;
Isoplanar; vector; bipolar;
Stimulating; Russian current (kots)
- Ionophoresis
- Iontophoresis

Micro currents

High Voltage HVPC

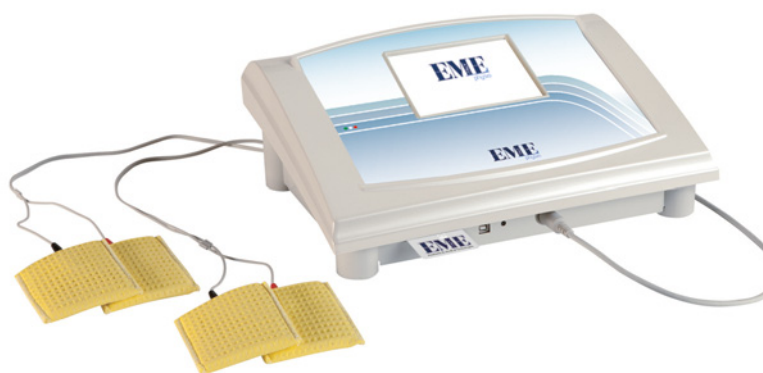
H Wave

APS

Creation of rheobase and cronaxie I/T curve

The main fields of application are:

- Pain treatment (chronic pain / post-surgical acute pain).
- Orthopedics (tendinitis, arthritis, epicondylitis, etc.).
- Sport Medicine (sprains, muscle aches, etc.).
- Aesthetics (PEFS, lymphatic drainage, etc.).
- Dermatology (keloids, lymphedema, bedsores, etc.).
- Neurology (neuralgia, phantom limb pain, etc.).
- Uro-gynecology (urinary incontinence).



ELEKTRA 2 – EK1302

— OPERATING MODE AND BENEFITS

The new electrotherapy device EleKtra gives access to currents and programs by different screenshots: you can select from a list of waveforms, treatment protocols or various applications according to every body part.

You can use the same programs in different channels or modify them, use them in parallel, alternate them, apply them simultaneously, synchronise them or apply them in a sequence: you have an electrotherapy with no limits.

The main effects of electro-stimulation are training of the neuromuscular system to respond correctly during voluntary and involuntary strains with active contraction; pain modulation by the gate control mechanism; spasticity reduction by stimulating agonists and antagonists; transdermal release of medicinal substances into the skin (ionophoresis); improvement of joint mobility by mechanical stretching of muscles; improvement of injury healing by increasing local circulation; resolution of oedema thanks to the activity of the muscle pump.

— ELEKTRA: ELECTROTHERAPY WITH NO LIMITS

- Wide display: 6" colour touch-screen.
- More than 36 waveforms: Low and Medium frequencies High Voltage, Microcurrents, APS and others.
- More than 100 therapeutic suggestions grouped according to anatomical areas, specialist branches and waveforms.
- I/T curve and after treatment.
- Patient file for storing all patient's data, treatments and short case history.
- Help button. Each therapeutic suggestion shows indications on its use and where to place electrodes.
- Connection between EleKtra and K-Sound for ultrasound-electrotherapy combined treatments.
- Connection between EleKtra and Vacuumed for combined treatments with vacuum therapy .
- Smart card to store many personalised treatments and patient files.
- Upgradable software

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SUPPLIED ACCESSORIES	ELEKTRA 2
User manual in DVD	1
Smart card	1
Electrodes, 60x85 mm	4
Sponges for 60x85 mm electrodes	4
Electrodes, 50x50 mm	4
Sponges for 50x50 mm electrodes	4
Elastic band, 1000 mm	2
Elastic band, 600 mm	2
Electrotherapy output cable	1

Optional accessories → pg. 61 Technical specifications → pg. 69

_ DISTINGUISHING FEATURES

_ SMART SOFTWARE

Operating the software is intuitive, the user is guided through the multiple functions in a clear and effective manner.

_ DEFAULT PROTOCOLS

Divided by body part and technology: our consultants made an accurate list of protocols for each technology. The parameters must be considered as a guideline for the treatment; the user can always adjust said parameters during the therapy.

_ PATIENT CARD

The history of every patient can be monitored using the **patient card**, in which it is possible to introduce the patient's personal data and therapy sessions.

_ ONLINE HELP

Indications for the treatment and positioning of the electrodes for each protocol.

_ MULTITHERAPY MODE

A new function that allows the user to treat a pathology using more than one technology during the same treatment session. Our aim is to obtain more performing results, and therefore more satisfied patients at the end of their treatments.

_ USER MEMORY

Possibility to customize single or Multitherapy treatment protocols.

_ EXTERNAL MEMORY

It is possible to customize treatment protocols and patient cards also in the USB driver provided with COMBIMED 4000. A practical and universal method of external mass storage.





COMBIMED 4000 – CO 1326

Combined 4000 is a therapeutic device equipped with three technologies:

– ELECTROTHERAPY

- 2 independent channels.
- 30 wave forms.
- I/T curve.
- Possibility to create sequences.
- Therapeutic suggestion divided by body part.
- Online Help: each therapeutic suggestion is provided with useful indications about the performing of the treatment with HD images that display the correct positioning of the electrodes.

– ULTRASOUNDS

- 1/3 Mhz for a deep or superficial treatment.
- Multifrequency and water-resistant probe, for underwater treatments.
- More than 100 therapeutic suggestions divided by body part.
- Online Help: each therapeutic suggestion is provided with useful indications about the performing of the treatment with HD images the area on which the treatment has to be performed.
- Automatic contact detector: a light and acoustic signal indicates whether the contact with the treatment area is correct.

– LLLT LASER

- 1 Output.
- Wavelength 905 nm.
- Therapeutic suggestions divided by body part.
- Online Help: each therapeutic suggestion is provided with useful indications about the treatment with HD images that display the area in which the treatment has to be performed and the modality (points or scan).
- Automatic contact detector: the laser emits only when the lens is situated at a proper distance for skin treatment: up to 0.5 cm.

25

SUPPLIED ACCESSORIES	COMBIMED 4000
User manual in DVD	1
USB Key	1
ELECTROTHERAPY	
Output cable (2 channels)	1
Electrodes (50x50 mm)	4
Sponges for electrodes (50x50 mm)	4
Electrodes (60x85 mm)	4
Sponges for electrodes (60x85 mm)	4
Elastic bands (1000 mm)	2
Elastic bands (600 mm)	2
LASER	
1 laser probe MLA1/100 mW	1
Laser safety goggles	2
Interlock	1
ULTRASOUNDS	
1 probe 1/3 Mhz 5 cm ²	1

Optional accessories → pg. 60 Technical specifications → pg. 70



ACC536 - GC9 kit-point for the treatment of lower limbs.



PRESSOMED EVO is a press-massage device for peristaltic massage and venous-lymphatic drainage. The massage is done through a kit point with independent sectors, overlapped like a "herring bone", by means of which the pressing push gradually overlap itself without leaving interspaces during the inflating thus eliminating the danger of a back flow and improving the circulation.

_ THERAPEUTIC ACTIONS

- Circulatory insufficiency.
- Lymphatic stasis.
- Hydro-lipodystrophy (cellulite).
- Lymphedema.
- Reactive cutaneous fibrosis.
- Hard edema.
- Post operative troubles.
- Hypotonia.

PRESSOMED EVO

PRESSOMED EVO
PR1382



_ PRESSOMED EVO

- **Express-mode deflation:**
it allows a quick and silent deflation of sectors.
- **Warm up for all protocols:**
this new function introduced in software of device the treatment can be quicked, thanks to a general pre-inflation on all sectors at aprox. 30 mhg (+/-).
- **Pre-set programs:**
programs depending on the accessories to be used.
- Trolley mounted equipment
- Color 8" touch screen display
- 2 outputs
- 12 independent sectors
- Membrane compressor 150 mhg
- **Possibility to perform TOTAL BODY treatments**
- **Low noise membrane compressor**
- Real-time reading of inflation of each sector

_ FOCUSED EFFECTS

- Improvement of the venous-lymphatic
- Increase blood
- Removes toxins of subcutaneous tissue
- Treats the swelling of legs and ankles
- Restore a good circulation
- Reduces water retention



SUPPLIED ACCESSORIES

PRESSOMED EVO

User Manual in DVD	1
Key USB 4 GB	1

Optional accessories → pg. 64 Technical specifications → pg. 79

– THE NEW CONCEPT OF TRANSPORTABLE MODULAR PHYSICAL THERAPY

Today EME Physio offers to the users a versatile device that can be built according to their needs; above all the equipment is “alive” because it is possible to expand Polyter Evo with new modules at any time.

– THE CONCEPT OF POLYTER EVO'S EXPANDABLE MODULARITY

Allows the operator to purchase the full device, equipped with the four modules, or to order the device with only one or two modules, then purchase new modules to improve the physiotherapy device and make them operational thanks to a simple update of the software.

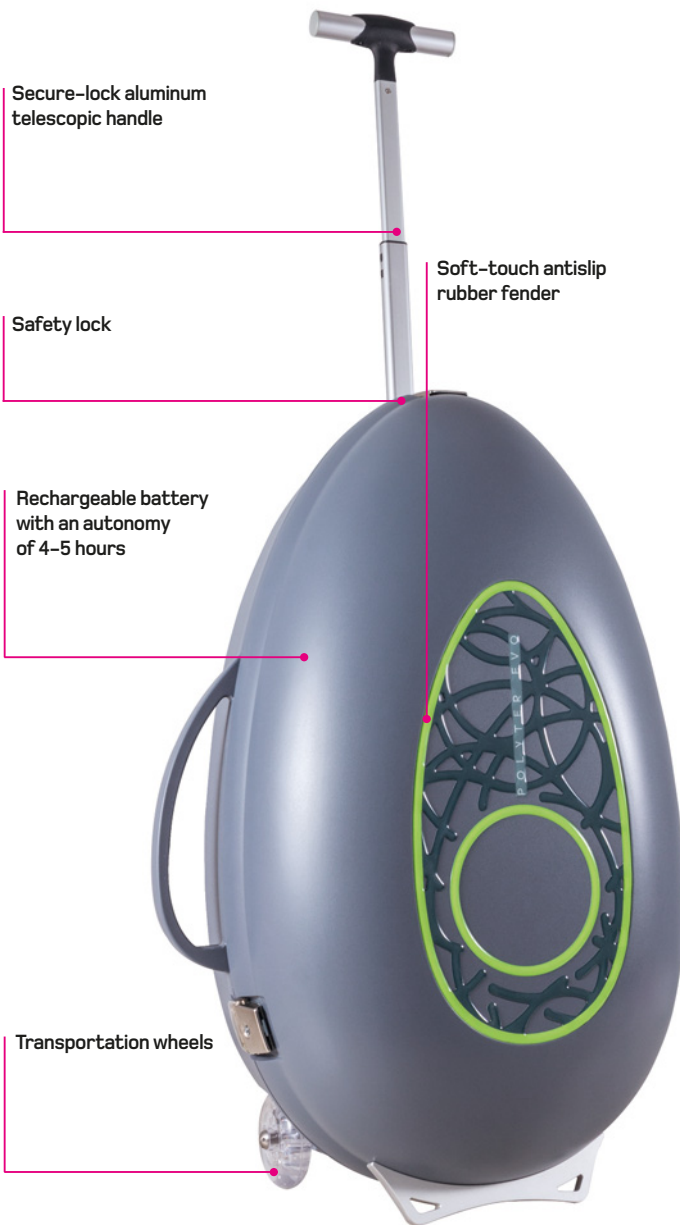
The main fields of application are:

- Orthopedics.
- Physical rehabilitation.
- Sports Medicine.

– THE MULTITHERAPY MODE FOR SUCCESSFUL TREATMENTS

Apart from the therapeutic suggestion, divided according to anatomical area and technology, it is possible to use the **MULTITHERAPY** mode, that is the treatment of a pathology using not a single technology, but a complete therapeutic treatment, which allows the user to treat the same pathology with two or more technologies included in the Polyter Evo.

A new concept of combined treatment studied and tested by our scientific consultants.



Available models:

Basic configuration to choose among

POLYTER EVO OUTDOOR – PE0314

(with battery)

POLYTER EVO INDOOR – PE0315

(without battery)



MODULES AVAILABLE TO ADD BASE CONFIGURATION

Polyter EVO is a transportable medical device, assembled on an elegant O Design trolley, which can host up to 4 modules the user can choose according to his own needs:

– MU0001 - ULTRASOUND MODULE

- One channel.
- 1/3 Mhz multifrequency head with integrated contact sensor.
- Continuous or pulsed emission mode.
- Automatic head recognition.

– MM0004- MAGNETOTHERAPY MODULE

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

– ME0002- ELECTROTHERAPY MODULE

- 25 waveforms (low and medium frequency).
- 2 independent outputs.
- Synchronous function of the 2 channels.
- Operation: Constant Voltage, Constant Current.

– ME0002/1 - ELECTROTHERAPY PRO MODULE

- 28 waveforms : low and medium frequency
Micro currents / APS / HPVC / NMES.
- 2 independent outputs.
- Synchronous function of the 2 channels.
- Operation: Constant Voltage, Constant Current.

– ML0003 - LASER THERAPY MODULE LLLT (905 NM)

- One channel.
- Frequency from 200 Hz to 10 KHz.
- Continuous or pulsed emission mode.
- Automatic calculation of the fluence (Joules).
- Generator capable of controlling single-diode or multi-diode probes.
- Automatic recognition of the probe.

– MT0005 - TECAR THERAPY MODULE

- Capacitive / Resistive mode.
- Power up to 200W.
- Continuous and pulsed emission mode.



TECHNICAL FEATURES

- TPU container with a compartment for accessories
- 7" touch screen color display
- Default protocols for each technology
- Operating programs customizable on user memory
- Software update
- Rechargeable battery that lasts for 4-5 hours with a complete charge

SUPPLIED ACCESSORIES

POLYTER EVO

User manual in DVD	1
Key USB 4 GB	1

Optional accessories → pg. 66 Technical specifications → pg. 71

A FAST APPROACH



In the Prestige line, technology and experience have been blended together to meet the needs of professionals, who do not wish to waste their time.

Simplicity of use together with blue-chip technology are the essential characteristics of these devices.

The interface of Prestige line devices is so simple and clear that you will not even need to read the user manual when switching the device on for the first time.

PRESTIGE LINE

HR TEK BASIC



VIKARE



THERAPIC



ULTRASONIC



COMBIMED 2200



PRESSOMED 2900



VACUUMED



LASERMED



PR999



RADARMED 2500 CP



MAGNETOMED



PRESSOMED 707 KP





HR TEK Basic is the new capacitive and resistive endo-diathermy desktop device, designed for the most demanding professionals. HR TEK Basic is the answer to those who want a device that can be used for outpatient treatment (compact, lightweight and functional) and for ambulatory use too.

The main fields of application are:

- Dermatological diseases.
- Traumatology.
- Sports Medicine.
- Aesthetic Medicine.
- Musculoskeletal pain.
- Inflammatory joint and tendon.
- Periarticular disorders (bursitis, calcification, etc..).





HR TEK BASIC – HT1342

_ BENEFITS AND OPERATING MODE

CAPACITIVE: The action is concentrated in the area below the movable electrode.

It works actively on soft tissue rich of water such as muscles, venous-lymphatic etc., it achieves excellent results in applications such as:

- after fractures treatment.
- joints and periarticular diseases.
- drainage of post-traumatic oedema.

RESISTIVE: it carries out an effective action on tissues with the highest resistance, having low water content. The biological effect occurs in tissues with the highest resistance that are interposed between the movable electrode and the return plate, namely bones, joints, tendons, ligaments, cartilages.

HR TeK Basic, used in resistive mode gives excellent results in:

- general traumatology.
- sports traumatology.
- arthritis.
- arthrosis.
- tendinitis.
- capsulitis and bursitis.
- calcaneal apophysis.

_ HR TEK, LET THE WARMTH HEAL YOU

- Color graphic display with 320 x 240 pixels.
- Output power up to 200W.
- Smart Card to store many personalised treatments and patient files.
- Meter of the real treatment time by the new contact detection system.
- Impedance meter displaying real time values.

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SUPPLIED ACCESSORIES

HR TEK BASIC

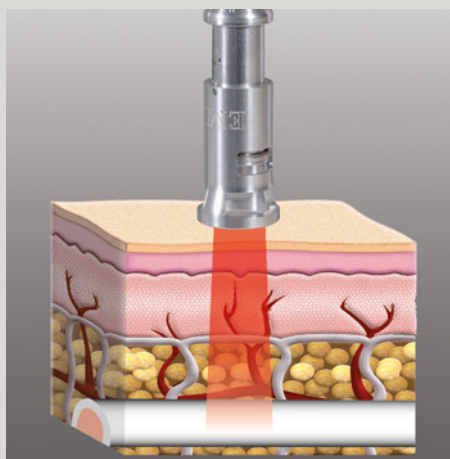
User Manual in DVD	1
Resistive probe	1
Resistive electrodes kit (Ø 30 mm, 50 mm)	1
Capacitive probe	1
Capacitive electrodes kit (Ø 30 mm, 50 mm)	1
Conductive cream 1000 ml	1
Stainless steel plate	1
Smart Card	1

Optional accessories → pg. 63 Technical specifications → pg. 76

_VIKARE THE LASER POWER

The new ViKare range of lasers, is realized using optical fiber to convey high power laser beam (4W-8W) directly on the skin, without losses.

ViKare therefore allows an immediate improvement in the symptoms of inflammatory and degenerative pathologies. Its use in orthopaedic, neurological and dermatological context reduces healing time and makes ViKare essential especially in sports medicine, as it allows fast recovery for athletes, for whom time is a determining factor in their career.



Fields of application

The fields of application that can benefit from ViKare laser therapy are:

- Sports Traumatology.
- General medicine and dermatology.
- Arthro-rheumatic pathology.
- Rehabilitation therapy.



Available models



VIKARE 4W – HL1360

VIKARE 8W – HL1361

_ VIKARE IS THE WINNING LASER FOR THE MOST DEMANDING PROFESSIONALS IT IS POWERFUL

Due to the high power output of the two models, it makes possible the stimulation of the deep layers of the treated tissue and thus favors a rapid and wide-spread cell regeneration. ViKare allows a deep tissue stimulation and this allows to treat the internal structures (such as the articulation of the femur) and chronic conditions such as osteoarthritis.

_ SAFE AND EASY TO USE

ViKare is controlled by a software that can be used by all operators, with intuitive controls for quick and easy implementation. It is designed to ensure the highest safety standards. Maximum attention is paid to the safety of the patient and the operator.

_ POLYHEDRIC

Thanks to its characteristics, ViKare can be used in various branches such as sports medicine, orthopaedics, neurology, dermatology, rheumatology and acupuncture.

_ EFFECTIVE

Definitive in acute inflammation, chronic and degenerative diseases such as arthritis of the knee.

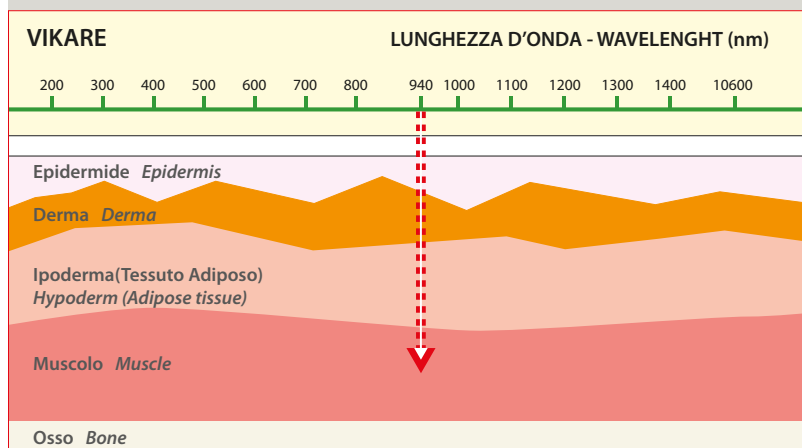
_ MULTISPOT

ViKare automatically calculates the energy dose (fluence in joules) delivered according to different methods of application, contact or through the 3 spacers available.

_ WHY TO CHOOSE VIKARE

ViKare is designed as power laser that operates with a single wavelength: 940 nm. Making the most of the peak power from the two available models, you can provide up to 8W of power, performing a strong regeneration action in chronic diseases, speeding up the process of resolution of inflammation and oedema in the acute illness, as well as the rapid resolution of pain syndromes in joints, muscles, and soft tissues.

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ACCESSORIES SUPPLIED

VIKARE 4/8W

Laser protection goggles	2
Multispot laser probe	1
User Manual in DVD	1
Smart Card	1

Optional accessories → pg. 63 Technical specifications → pg. 75



Our electrotherapy devices belonging to the Prestige line are divided into 3 main groups, whose differences lie in the wave forms used.

— ELECTROTHERAPY TO THE NTH POWER

Electrotherapy benefits from the biological effects obtained from the electric power for a therapeutic use. Current is directed into the involved body part having selected it with suitable features to reach the specific objectives.

Electrotherapy is used to stimulate the denervated muscle, to reduce the hypotrophy caused by not using the normally innervated muscle, to maintain the muscular trophism in the denervated or partially innervated muscle and to strengthen the innervated muscle.

The main effects of applying the current to a body tissue are the excitomotor, thermic, trophic, analgesic and chemical effects.

Each electric pulse of muscular stimulation is characterized by:

WAVE FREQUENCY: measured in Hz (hertz)

WAVELENGTH: measured in ms (milliseconds)

INTENSITY: measured in mA (milliamper)

— MAIN EFFECTS OF THE ELECTROSTIMULATION

- Training of the neuromuscular system to react appropriately during the voluntary and involuntary effort by providing an active contraction (isometric, concentric and eccentric) and the following articulation movements which allow a proprioceptive feedback
- Pain modulation through the gate-control system or the descending inhibition mechanisms (production of endogenous opioids)
- Spasticity control and reduction through the stimulation with agonists (contraction-relaxation), antagonists (mutual inhibition) or sensorimotor inhibition
- Allowing the transcutaneous release of medical substances into the skin (iontophoresis)
- Improving or maintaining the joints mobility through the mechanical stretching of muscles, connective tissue or reducing the movement problems caused by neuromuscular diseases (i.e. spasticity), pain or edema
- Helping the recovery by increasing the local blood circulation, providing a bactericidal effect or altering the electric charge into the damaged area
- Delaying or eliminating the edema through the action of the muscular pump or through the effect of electric charges on the interstitial proteins (electric fields phenomenon)

Available models



THERAPIC 7200 – TH1311

Two independent channels electrotherapy, able to supply all the low-frequencies waveforms and the creation of I/T curve, rheobase, chronaxie.

THERAPIC 9200 – TH1312

Two independent channels electrotherapy, able to supply all the low-frequency and medium-frequency waveforms and the creation of I/T curve, rheobase, chronaxie.



THERAPIC 9400 – TH1313

Four independent channels electrotherapy, able to supply all the low-frequency and medium-frequency waveforms and the creation of I/T curve, rheobase, chronaxie.

– THERAPIC 7200: DISTINCTIVE ELEMENTS

- 21 wave forms (low frequency).
- 2 completely independent channels, with 2 mm banana cables.
- Possible connection to ULTRASONIC family for combined usage.
- Color display with Touch & scroll function.
- I/T Curve.
- Possible connection to the Vacuum model Vacuumed (VU1392) for combined usage.
- Electrodes test.
- Creation of various treatment sequences having different waveforms.
- Smart Card.

– THERAPIC 9200-9400: DISTINCTIVE ELEMENTS

- 26 wave forms (low and medium frequency).
- Possible connection to ULTRASONIC family for combined usage.
- Color display with Touch & scroll function.
- I/T Curve.
- Possible connection to the Vacuum model Vacuumed (VU1392) for combined usage.
- Electrodes test.
- Creation of various treatment sequences having different waveforms.
- Smart Card.

SUPPLIED ACCESSORIES

User Manual in DVD
Electrodes 60x85 mm
Sponges for Electrodes 60x85 mm
Electrodes 50x50 mm
Sponges for Electrodes 50x50 mm
Elastic band 1000 mm
Elastic band 600 mm
Electrotherapy Output cable
Smart Card

THERAPIC 7200

1
4
4
4
4
2
2
1
1

THERAPIC 9200

1
4
4
4
4
2
2
1
1

THERAPIC 9400

1
8
8
8
8
4
4
2
1

Optional accessories → pg. 61 Technical specifications → pg. 69



_ ULTRASONIC

The ultrasounds are high-frequency acoustic vibrations not perceived by human ears. The application of ultrasounds for therapeutical use on human tissues involves a high-frequency cellular and intercellular massage. Moreover ultrasounds can also be used in immersion, the head is immersed in the water together with the body region to be treated. The tissues irradiated with ultrasounds start vibrating with a following energy waste and heat production. All this shows the ultrasounds' biological effects, namely the mechanical and the diathermic effect.

- **Mechanical effect:** expands through the rhythmic tissue compression and decompression. The tissue particles receiving the vibrating flux are all stressed one after the other at the same speed and acceleration rate.

- **Diathermic mechanism:** probably with biological effects is becoming possible with watt/cm² energy flux. While the sound spreads through the tissues it is absorbed and converted into heat. The temperature distribution caused by the ultrasound in the tissues is unique within all forms of deep heating: the temperature increases relatively little in the tissue surface and it is more likely to penetrate into the muscles and the soft tissues compared to the diathermic effect produced with short waves or microwaves.

- **Chemical effect:** it is strictly connected to a typical phenomenon caused by ultrasounds, the so called "cavitation", which takes place in the fluid components of the tissues where the small gas bubbles tend to increase their dimension and starts the oxidation, polymerization and the destruction of macromolecules.

Available models



ULTRASONIC 1500 – **US1322**

Two independent channel desktop/portable ultrasound device, equipped with two 1/3 MHz probes



ULTRASONIC 1300 – **US1321**

Single channel desktop/portable ultrasound device, equipped with 1/3 MHz probe

ULTRASONIC 1300- 1500

- Waterproof multifrequency probes 1/3 MHz, suitable for submerged treatments.
- Possible connection to THERAPIC 7200/9200/9400 for combined usage.
- Color display with Touch & scroll function.
- Self-calibrating probes with working frequency internal storage system.
- **Ultrasonic 1500**: two completely independent channel ultrasound device, able to perform two autonomous treatment at the same time.
- Smart Card.

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SUPPLIED ACCESSORIES

User Manual in DVD
Probe 1/3 MHz, 5 cm²
Smart Card

ULTRASONIC 1300

1
1
1

ULTRASONIC 1500

1
2
1

Optional accessories → pg.60 Technical specifications → pg.68

COMBIMED 2200

PRESTIGE LINE

ELECTRO - ULTRASOUND THERAPY



COMBIMED 2200
C01325

Combined device for electrotherapy, with 2 electrotherapy channels and 1 channel ultrasound 1/3 MHz.

ULTRASOUND THERAPY

Ultrasounds are used primarily to reduce the pain, and the main treatments are sciatica, neuritis, peripatetism. The thermal effect produced by ultrasound increases the temperature in deep tissues, and together with the mechanical effect the treatment results in a micro massage at the level of cellular structures. Combined 2200 is equipped with multifrequency probes (1/3 MHz) that can be set by the operator in order to establish the depth of penetration required by the treatment (with the frequency of 1 MHz can be up to 3 cm in depth, while with 3 MHz you can get up to 1 cm).

ELECTROTHERAPY

The Electrotherapy is used in order to stimulate denervated muscle, to reduce the hypotrophy due to non-use of the normal muscle, maintain the muscular trophism in denervated or partially innervated muscle, to strengthen the innervated muscle. The main effects of an electric current applied to a body tissue are represented by the thermal, trophic, analgesic and chemical effects. COMBIMED has 26 low and medium frequency waveforms, which can be used on a channel, or on two channels in a synchronous or independent way.

COMBINED TREATMENT

The pre-set protocols of COMBIMED 2200 allow to realize a fast and easy combined treatment, which sums the analgesic and hyperemic effect of electrical stimulus with the mechanical and thermal ultrasound effect.



COMBIMED 2200 ELECTROTHERAPY AND ULTRASOUNDS FOR A WINNER COMBINATION

- Desktop device for combined treatments Eme Physio.
- New winning design.
- Color display with Touch & scroll function.
- Possible connection to VACUUMED (VU1392) for combined usage.
- 26 waveforms (low and medium frequency).
- Self-calibrating probes with working frequency internal storage system.
- Waterproof multifrequency 1/3 MHz probes, suitable for submerged treatments.
- I/T Curve, comparing values at the beginning and at the end of the therapy.
- Multilanguage software.
- More than 100 therapeutic suggestions (electrotherapy / ultrasound / combined protocols).
- Smart Card.

Made in Italy

SUPPLIED ACCESSORIES

	COMBIMED 2200
User Manual in DVD	1
Electrodes 60x85 mm	4
Electrodes 50x50 mm	4
Sponges for Electrodes 50x50/60x85	4 + 4
Elastic band 600 mm/1000 mm	2 + 2
Probe 1/3 MHz, 5 cm ²	1
Electrotherapy Output cable	1
Smart Card	1
Optional accessories → pg. 60 Technical specifications → pg. 70	

PRESTIGE LINE

VACUUM THERAPY



VACUUMED
VU1392

VACUUM THERAPY

The Vacuum therapy is a therapeutical method which uses the effect of the vacuum in the body by combining the improvement of the tissue microcirculation with an anti-inflammatory and detoxing action.

Concretely the vacuum therapy consists in applying an air-tight tube a body part, in which a depression is created and afterwards a compression to stimulate the venous and lymphatic circulation: this causes a suction effect which increases the blood afflux in the involved area, stimulating the circulation and the oxygenation, and accelerating the turnover of substances and the elimination of toxins. In the peripheral tissues the oxygen levels increase substantially and the carbon dioxide decreases: by improving the blood flow the exchange activity in the capillaries is favored and by accelerating the blood flow the venous stasis which is the main cause of various veins and venous insufficiency.

The vacuum application combined with the stimulation currents will be carried out using vacuum electrodes. Such electrodes are connected through pipes to a suction pump which causes a negative pressure inside the electrodes. During this action, the high depression requires a great quantity of blood (hyperemia) thereby improving the therapy effect through the different stimulation currents.

INDICATIONS

Such therapy is clearly useful for treating all forms of vascular diseases affecting the legs: arteriosclerosis of lower limbs, Burger, Raynaud and all forms of venous and/or lymphatic insufficiency, such as swollen legs, lymphedema, phlebolympheidema, and cellulitis. gambe gonfie, linfedema, flebolinfedema, cellulite

DISTINCTIVE ELEMENTS

- **Suction:** using the encoder you can increase or decrease the level of suction.
- **Frequency:** it is possible to increase or decrease the period of time between a suction and the following.
- **Combined use:** simply connect Channel 1 of THERAPIC (or COMBIMED) to VACUUMED via its dedicated LINK cable to perform combined treatments.
- **Vacuum output:** the four Vacuumed outputs can work together and simultaneously; otherwise you can use just two of them, by means of the specific cable to cover the other two outputs (see the picture).
- **Low noise level:** Vacuumed is equipped with a low noise emission compressor, in order to perform a relaxing therapy.
- **Smart case:** the rectangular shape of VACUUMED allows to allocate another EME Physio equipment (ELECTROTHERAPY / COMBIMED) above the same, further reducing the overall dimensions.



SUPPLIED ACCESSORIES

User Manual in DVD	1
Vacuum cups Ø 60 mm	4
Cup sponges Ø 60 mm	8
Output cables	4
Electrotherapy LINK connection cable	1

VACUUMED



_ LASERMED LOW POWER LASER THERAPY

Lasertherapy can be divided into contact and scanning therapy and both modes can employ monodiodic and multi-diodic lasers.

As far as laser therapy carried out with monodiodic contact lasers, probes with direct contact on the skin are employed.

The treatment is based on the stimulation of the trigger points or of the areas affected by pain and the therapy requires the presence of one operator. The most important working parameters within laser therapy are: power density (power released per density of the irradiated tissue, which is measured in W/ sq cm and is calculated dividing the output power for the irradiated spot dimension).

Fluency is the most important parameter for determining the clinical effect of the laser, since it measures the quantity of energy released per unit of irradiated tissue area. It is measured in J/sq cm² and it is calculated multiplying the power density by the exposition length.

Each protocol supplied by Medical Italia indicates the fluency suggested for each kind of treatment. The operator, according to the area to treat and to the laser power, will modify the treatment time or the frequency, in order to convey the necessary fluency for the treatment.

INDICATIONS ON THE USE OF LASER

- **Rheumatology.**
- **Orthopedics.**
- **Dermatology.**
- **Dentistry.**
- **Otolaryngology.**
- **Neurology.**
- **Acupuncture.**

Available models



LASERMED 2100 - LT1371

Single channel desktop/portable laser therapy device (905 nm), equipped with one 25mW mono-diodic laser probe (MLA1/25)



LASERMED 2200 - LT1372

Two channel desktop/portable laser therapy device (905 nm), equipped with one 25mW mono-diodic laser probe (MLA1/25)

_ EFFECTS OF LASER

- Anti-inflammatory effect.
- Effects on the peripheral nervous system (antalgic and regenerative effect).
- Biostimulating and tissue regenerating effect.
- Effect on the micro-circulation and on the blood veins: the laser entails an enhancement of the local microcirculation that includes the relief of local spasms of arteries and veins (that take place for example after a trauma or an inflammation), determines an intensification of the blood flow within the nutritional capillaries.
- Immunoregular effect.
- Enzymatic photoactivation effect
- Placebo effect

_ WHY TO CHOOSE LASERMED

- _ New Medical Italia design
- _ Color display with Touch&scroll
- _ Automatic calculation of the fluence (joules/cm²) as a function of time and of the treatment's area
- _ Multilanguage software
- _ More than 80 therapeutic suggestions
- _ Probe with automatic contact sensor (laser emission starts when the probe gets near the target)
- _ Wide range of probes available (mono/multi-diodic probes up to 800 mW)
- _ Smart Card

_ LASER THERAPY ADVANTAGES

- Laser therapy is based on photochemical and photobiological effects on the cells and on the tissues.
- The laser beam stimulates the mitochondria of the cell, restores its energy and "protects" it in case of traumatic or degenerative situations restoring the normality of the cell itself.
- Laser therapy is painless, has no risks and is not invasive.
- The suggested time for a treatment is inferior to the one of other therapies.

SUPPLIED ACCESSORIES	LASERMED 2100	LASERMED 2200
User Manual in DVD	1	1
Laser probe MLA1 (25 mW)	1	1
Laser protection goggles	2	2
Interlock (safety key)	1	1
Smart Card	1	1

Optional accessories → pg. 65 Technical specifications → pg. 72



_ SCANNING LASER PR999

The application of the Scanning Laser therapy allows to treat wider areas compared to the contact laser application and the operation is automatically carried out by the device itself, without the presence of the operator.

PR999 500 mW

Scanning laser device delivering a total power of 500 mW in continuous and pulsed mode, operating wavelength 808 nm.

PR999 4W (2W+2W)

Two wavelength scanning laser device with two simultaneous laser sources:

- continuous laser emission 808 nm
- pulsed laser emission 940 nm

The combination of the two laser sources allows a high anti-inflammatory effect (808 nm) together with an analgesic effect (940 nm), allowing better results especially in acute phase diseases and with the presence of inflammation (lumbago, sprains, neck pain, etc...).

PR999 8W

High power scanning laser device.

A new laser that represents the state of the art in his family for its high performances. PR999 8W uses a wavelength of 940 nm, by means of a single 8 W diode.

PR999

Available models

PR999 500 mW
SL1365

PR999: CHOICE OF PROFESSIONAL QUALITY

- **Step by step move:** the new system for moving the laser beam by means of by step move motor generates micro oscillations allowing to increase up to a maximum of 5% of the set treatment area.
- The use of laser scanning is automatic, since it does not require the presence of the operator.
- The use of PR999 allows to treat larger areas with respect to a contact laser.
- Automatic surface treatment setting.
- Adjustable scanning area up to 400 cm²
- Possible connection of an external mono/multi-diode laser probe.

45

PR999 4W (2W+2W)
SL1366

PR999 8W
SL1367



SUPPLIED ACCESSORIES	PR999 500mw	PR999 4W	PR999 8W
User Manual in DVD	1	1	1
Laser protection goggles	2	2	2
Interlock (safety key)	1	1	1
Emergency stop switch		1	1
Smart Card	1	1	1



ACC191-AC Circular antenna



ACC235-A3D Three dimensional Antenna



ACC234-AR Rectangular antenna

Radartherapy is a treatment that produces an endogenous heat which is spread to the deepest layers of the treated tissue.

Because of the high presence of water, muscle tissues will be the subject of major heating which, on the other hand, will be minor in all those tissues with lesser water as the adipose one.

Therapeutic effects of radartherapy are: muscular heating, analgesic and trophic effect. Microwave therapy is indicated in case of muscular contractions, osteoarthritis, posttraumatic pain, tendinitis, etc.

RADARMED 2500 CP

**RADARMED
2500 CP
RT1341**



— RADARMED 2500 CP: THE MICROWAVE DIATHERMY

- Easy to use: user friendly interface.
- New orthostatic arm manufactured with aluminum alloy and preloaded joints without manual adjustment.
- 100 therapeutic suggestions.
- Possible connection of the three-dimensional antenna (A3D model) for applications on the shoulder, neck, spine. The rectangular antenna (AR model) can be connected too, for applications on large areas such as upper and lower limbs, cervical area, spine.
- New system for fast antenna connection.
- Multilanguage software.
- Pulsed and continuous emission mode.
- Smart Card.

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— THERAPEUTIC ACTIONS

- Pain reduction
- Improvement of collagen extensibility
- Reduction in joint rigidity
- Oedema and inflammatory exudates reduction
- Increase in the haematic flux

SUPPLIED ACCESSORIES

RADARMED 2500 CP

User Manual in DVD	1
Orthostatic pantograph arm	1
High frequency output cable	1
Circular antenna AC (ACC191)	1
Smart Card	1

Optional accessories → pg. 61 Technical specifications → pg. 74



ACC5510 - LC60 High-tech bed with 1 movable solenoid
W.I.S. (Wood Injection System)



ACC615 - CP Applicators

The magnetic therapy devices generate a magnetic field with low-frequency (which can be regulated from 1 to 100 Hz) and intensity up to 100 Gauss for each output, which has a positive impact for the tissue and bone tissues regeneration.

_ MAIN INDICATIONS

• Recent fractures and consolidation delays

Magnetic fields accelerate the consolidation time in a very high number of cases by stimulating the osteogenic activity at the fracture rime level.

The recovery process of bone discontinuity takes place through the induction of the piezoelectric effect in the connective structures improving the local circulatory conditions.

• Pseudoarthrosis

Magnetic fields have been shown to be effective in treating pseudoarthrosis.

• Sudeck's disease and osteoporosis

Magnetic therapy was effective in 80% of cases with the Sudeck's disease and in 70% of osteoporosis.

• Inflammatory and degenerative arthropathy

Both inflammatory and degenerative arthropathies are treated by magnetic therapy. Positive results have been obtained for rheumatoid arthritis in hands and knees, spondylitis ankylopoetica, gonarthrosis and lumbar arthrosis.

• Arteriopathy obliterans

Magnetic fields are effective for vascular diseases through their influence on the blood flux and micro-circle.

• Bed sores

With its bio-stimulating effect the magnetic therapy can be used against such disease. Several treatments are needed for the cure to be effective.

• Psoriasis

Psoriasis responds well to this therapy in 60% of the cases.

Available models

MAGNETOMED 8400

MA1334

(Solo generatore)



MAGNETOMED 7200 – MA1331

(Solo generatore)

MAGNETOMED 7200

Desktop/portable device with two independent channels working as follows:

Channel 1 and channel 2 working independently

Channel 1 and channel 2 working in parallel, for total body usage on two solenoids

MAGNETOMED 8400 Trolley mounted device with four independent channels working as follows:

Channel 1 – 2 – 3 – 4 working independently

Channel 1 – 2 – 3 – 4 working in parallel, for total body usage on four solenoids

Channel 1 and channel 2 working in parallel, for total body usage on two solenoids; **channel 3 and channel 4** working independently

— MAGNETOMED: EXCLUSIVE TREATMENT

- Exclusive MFC Solenoid Patent (magnetic induction emitted outside the solenoid is drastically reduced, concentrating the magnetic force lines within the solenoid itself, thus affecting only the patient and not the operator).
- Easy to use: user friendly interface.
- Color display with Touch & scroll function.
- Up to 100 therapeutic suggestions.
- Adjustable power up to 100 Gauss per each channel.
- Multilanguage software.
- Smart Card.

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ACC5512 LC60/2 High-tech bed with 2 solenoids for total body treatment W.I.S. (Wood Injection System)

SUPPLIED ACCESSORIES

MAGNETOMED 7200 / 8400

User Manual in DVD	1
Magnetic testing ring	1
Smart Card	1

Optional accessories → pg. 62 Technical specifications → pg. 73



kit-point for the treatment of lower limbs.



ACC535 - BC5/2 Kit-point for upper limbs

Pressure therapy is a therapeutic massage which helps fighting edemas and improves blood circulation thanks to the application of a pressure. This pressure is applied in a sequential order to treat the lower limbs suffering from edema, water retention and circulatory problems. Pressure therapy acts on blood and lymphatic circulation helping it to be more efficient and improving aesthetic blemishes such as cellulite, water retention, etc.

_ THERAPEUTIC ACTIONS

- Circulatory insufficiency.
- Lymphatic stasis.
- Hydro-lipodystrophy (cellulite).
- Lymphedema.
- Reactive cutaneous fibrosis.
- Hard edema.
- Post operative troubles.
- Hypotonia.

Fields of application:

- Dermatologic diseases
- Traumatology
- Sport Medicine
- Aesthetic Medicine

Available models

PRESSOMED 2900
PR1380



PRESSOMED 707 KP
PR 1381

_ PRESSOMED: JUST THE BEST FOR OUR PRO

- _ 9 completely independent sectors.
- _ Maximum pressure 150 mm Hg for each sector.
- _ High quality kit points with herringbone pattern sectors.
- _ Independent pressure adjustment for each sector.
- _ Latex blister, independently replaceable.
- _ Alarm in case of failure of the sections
- _ Kit point damage control.
- _ Graphical display representation of the massage.
- _ More than 20 available protocols.

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_ PRESSOMED 707KP PRESSOTHERAPY 7 INDEPENDENT SECTIONS

- _ Portable device.
- _ 6" touch screen colour display.
- _ Pre-set programs.
- _ Independent sectors, each of which can be set out with differentiated work pressure.
- _ Smart card, where is possible to store personalized programs.
- _ Easy and intuitive software: possibility to load programs, possibility to personalize protocols.
- _ Possibility to update the software.

SUPPLIED ACCESSORIES	PRESSOMED 2900	PRESSOMED 707 KP
User Manual in DVD	1	1
Kit point 7 independent sectors (mod. ACC534 – GC7B)		1
Smart Card	1	1

Optional accessories → pg. 64 Technical specifications → pg. 79

_HIGH QUALITY PERFORMANCE

Business Line is designed for those looking for quality and performance, with essential and intuitive features. The best choice for those who are at the beginning of a professional career and looking for quality and convenience.



— BUSINESS LINE

— THERAPIC 2000



— LIS 1050



— US 50



— RT250 DIGITAL



— COMBIMED 200



— MAGNETOMED 2000



THERAPIC 2000

BUSINESS LINE

ELECTROTHERAPY

THERAPIC 2000
TH1310



Electrotherapeutic device with 2 independent channels lending currents at low and medium frequency currents, Iono and Tens.

MAIN EFFECTS:

Biological effects obtained by electrical energy are used for therapeutic purposes with success. The electric currents pass through the body's area, through the various waveforms that are selected according to the aim of therapy.

ANALGESIC EFFECT:

The treatments with analgesic effects are among the most used in physiotherapy, and the currents that reach this result are as follows: Tens - Interferential - Ionophoresis: Continuous current used to introduce drugs into the body.

STIMULATING EFFECT:

Electrotherapy stimulation means to provide a muscle induced contraction by applying electrodes on the muscle. The goal is to reduce the wasting due to the non-use of norm-innervated muscle (muscle that contracts voluntarily), and enhance the denervated muscle (muscle that does not contract voluntarily). The different waveforms to be used must be selected according to the therapeutic program and to the characteristics of the muscle to be contracted.

WHY THERAPIC 2000

- 23 waveforms available in the software.
- Two completely independent outputs with banana cables 2 mm.
- Possible connection to ultrasound model US50. (US1320) for combined applications.
- Graphic display with a very good resolution.
- Easy to use: very easy and clear interface.
- Possible connection to the Vacuum model Vacuumed (VU1392) for combined applications.
- Electrodes test.
- Multilingual software.
- 50 therapeutic suggestions



SUPPLIED ACCESSORIES

THERAPIC 2000

User Manual in DVD	1
Electrodes 60x85 mm	4
Sponges for Electrodes 60x85 mm	4
Electrodes 50x50 mm	4
Sponges for Electrodes 50x50 mm	4
Elastic band 1000 mm	2
Elastic band 600 mm	2
Electrotherapy Output cable	1

Optional accessories → pg. 61 Technical specifications → pg. 69

BUSINESS LINE

ULTRASOUND THERAPY

US 50
US1320



US50 is a desktop equipment for ultrasound therapy, with 1 output, supplied with a 1/3 MHz multifrequency probe.

MAIN EFFECTS OF ULTRASOUND

The ultrasound therapy has an impact on the human tissues through a high-frequency cellular and intercellular level massage.

The tissues irradiated by ultrasounds start vibrating with a resulting waste of energy and generation of heat. The effects are then summarized as follows:

MECHANICAL EFFECT

Expands through the rhythmic tissue compression and decompression.

THE DIATHERMIC MECHANISM

While the sound spreads through the tissues it is absorbed and converted into heat.

CHEMICAL EFFECT

It is strictly connected to a typical phenomenon caused by ultrasounds, the so called "cavitation", which takes place in the fluid components of the tissues where the small gas bubbles tend to increase their dimension and starts the oxidation, polymerization and the destruction of macromolecules.

NEURAL EFFECT

It is linked to ultrasound's influence on the neurovegetative system.

WHY US 50

- 1/3 MHz Multifrequency probe.
- Possibility to connect the device to electrotherapy model THERAPIC 2000 (TH1310) for combined applications.
- Graphic display with a very good resolution.
- Easy to use: very clear and easy interface.
- Waterproof probes for underwater treatments.
- Multilingual software.
- 50 therapeutic suggestions.

55



SUPPLIED ACCESSORIES

US 50

User Manual in DVD	1
Probe 1/3 MHz 5 cm ²	1

Optional accessories → pg. 60

Technical specifications → pg. 68

COMBIMED 200

BUSINESS LINE

ELECTRO - ULTRASOUND THERAPY

COMBIMED 200
C01324

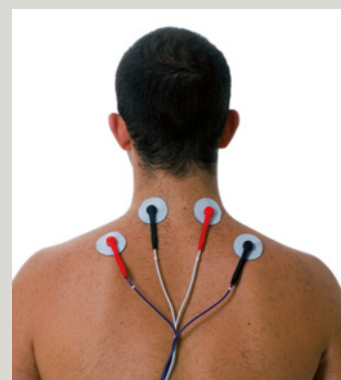


Combined or independent device for electrotherapy and ultrasound at 1/3 MHz.

Combimed 200 allows to carry out treatments of ultrasound and electrotherapy simultaneously in independent mode, or to use the two treatments in combined mode, thus coupling the analgesic action of electrotherapy to the thermal and mechanical effect of ultrasound, making the result of the treatment even more effective, especially in chronic diseases.

WHY COMBIMED 200

- Two totally independent outputs for electrotherapy.
- Possible connection to the vacuum therapy model.
- Vacuumed (VU1392) for combined applications.
- Electrodes test.
- 16 Waveforms (low and medium frequency) Ionophoresis and Tens.
- Minimum size for two essential technologies in physiotherapy. Easy to transport.
- Graphic display with a very good resolution.
- Easy to use: interface very easy and clear.
- Ultrasonic waterproof probe for underwater treatments.
- 50 therapeutic suggestions.



SUPPLIED ACCESSORIES

COMBIMED 200

User Manual in DVD	1
Electrodes 60x85 mm	4
Electrodes 50x50 mm	4
Sponges for Electrodes 60x85 mm	4
Sponges for Electrodes 50x50 mm	4
Elastic band 1000 mm	2
Elastic band 600 mm	2
Probe 1/3 MHz , 5 cm ²	1
Electrotherapy Output cable	1

Optional accessories → pg. 60 Technical specifications → pg. 70

BUSINESS LINE

LASERTHERAPY

LIS 1050
LT1370



Laser therapy device with 1 output. Wavelength 905 nm.

LASER THERAPY

Laser therapy uses the effects of energy generated from laser sources (Light Amplification by Stimulated Emission of Radiation).

The laser beam enters into the tissues and causes a biochemical response on the cell membrane and inside the mitochondria.

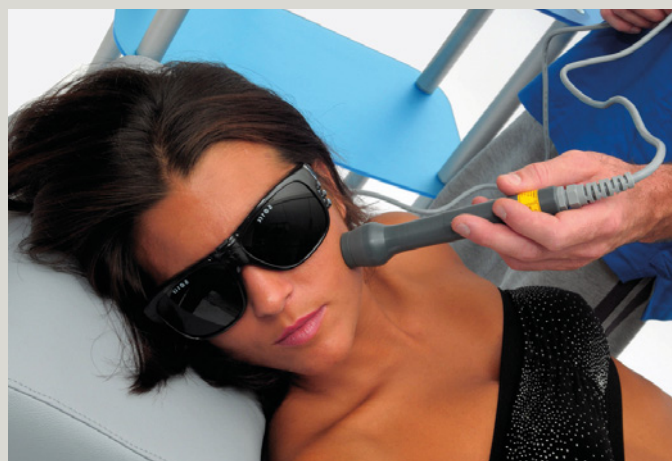
MAIN EFFECTS OF LASER:

- **Anti-inflammatory effect** due to increased blood flow as result of vasodilatation.
- **Anti-edema action** (many inflammation are accompanied by edemas) is due to the change of the hydrostatic intercapillary pressure,
- **Analgesic Action** due to the increase of the threshold of perception of the nerve endings and the release of endorphins
- **Effects on the peripheral nervous system** (analgesic and regenerative).
- **Effect of bio-stimulant** and tissue regeneration.
- **Effect on the micro-circulation** and on the blood veins: The laser entails an enhancement of the local microcirculation that includes the relief of local spasms of arteries and veins (that take place for example after a trauma or an inflammation), it determine an intensification of the blood flow within the nutritional capillaries.
- **Effect of photoenzymatic activation**
- **Placebo Effect**

WHY LIS 1050

- New Design Medical Italia.
- Easy to use: very clear and easy interface
Fluence automatic calculation (Joules/cm²).
- Multilingual software.
- 50 therapeutic suggestion.
- Probe with automatic contact sensor (if the lens is close to the skin, it begins delivering laser).
- Possibility to connect different laser probes (monodiode or multidiodic up to a maximum power of 800 mW).

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SUPPLIED ACCESSORIES

LIS 1050

User Manual in DVD	1
Laser probe MLA1 (25 mW)	1
Laser goggles	2
Interlock (security key)	1

Optional accessories → pg. 64 Technical specifications → pg. 72

MAGNETOMED 2000

BUSINESS LINE

MAGNETIC THERAPY

MAGNETOMED 2000
MA1330



Magnetomed 2000 (only generator) is a device for magnetic therapy with 2 outputs that generates a magnetic field at low frequency (adjustable from 1 to 100 Hz) with an intensity up to 100 Gauss for each output, causing beneficial effects especially on tissue regeneration and bone tissue.

MAIN INDICATIONS

- Recent fractures and nonunion.
- Osteoporosis.
- Nonunion.
- Sudeck's disease and osteoporosis.
- Arthropathies of inflammatory and degenerative nature.
- Arterial occlusive disease.
- Bedsores.
- Psoriasis.

WHY MAGNETOMED 2000

- New Design Medical Italia.
- W.I.S. (Wood Injection System) solenoid with the MCF exclusive patent. (magnetic induction produced outside the solenoid is drastically reduced, concentrating the lines of force within the same, thus affecting only the patient and no more the operator).
- Easy to use: very clear and easy interface.
- 50 therapeutic suggestions.
- Maximum output power: 100 Gauss for each channel.
- Multilingual software.



SUPPLIED ACCESSORIES

MAGNETOMED 2000

User Manual in DVD	1
Ring magnet (to test the unit)	1

Optional accessories → pg. 62 Technical specifications → pg. 73

BUSINESS LINE

RADAR THERAPY



RT 250 Digital is a device for radar therapy with continuous and pulsed operation modes.

RADARTHERAPY

Radar therapy make use of electromagnetic waves in the frequency band of microwaves, which develop in the treated tissues a heat that is transmitted in depth, obtaining an analgesic effect.

The higher heating occurs in tissues with higher presence of water (eg. muscles and periarticular tissues), whereas the lower heating effect occurs in those with a low content of liquid (eg. adipose tissue).

The radar therapy, besides thermal effect, causes vasodilatation that remains high for about 20 minutes after treatment and affects only capillaries and pre-capillary arteries.

WHY RT250 DIGITAL

- Easy to use: very clear and easy interface.
- 50 therapeutic suggestion.
- Possibility to connect the device to a three-dimensional antenna (A3D model) for applications in the shoulder, neck, spine, and rectangular antenna (AR model) for applications on large areas like arms and legs, spine, neck.
- Multilingual software.
- Pulsed and continuous emission mode.
- Radar with swivel arm for easy attachment of multiple positions that allows multiple applications.



THERAPEUTIC ACTIONS

- Reduction of pain.
- Improvement of the collagen extensibility.
- Reduction of stiffness.
- Reduction of edema and inflammatory exudates.
- Increase of the blood flow.

SUPPLIED ACCESSORIES

RT250 DIGITAL

User Manual DVD	1
Pantograph arm	1
High frequency output cable	1
Circular antenna AC (ACC191)	1

Optional accessories → pg. 61

Technical specifications → pg. 74

ULTRASOUND THERAPY

ELECTRO - ULTRASOUND THERAPY



OPTIONAL ACCESSORIES

ULTRASONIC COMBIMED 200 COMBIMED 2200 US 50 COMBIMED 4000

ACC943	TV5 ultrasound probe 1/3 MHz, emitting area 5 cm ²	●	●	●	●	●
ACC943/1	TV1 ultrasound probe 1/3 MHz, emitting area 1 cm ²	●	●	●	●	●
ACC943/3	TV3 ultrasound probe 1/3 MHz, emitting area 3 cm ²	●	●	●	●	●
ACC943/8	TV8 ultrasound probe 1/3 MHz, emitting area 8 cm ²	●	●	●	●	●
ACC666/1	Ultrasound probe with integrated water bolus kit (gel holder)	●	●	●	●	●
ACC917	Gel 260 ml	●	●	●	●	●
ACC918	Gel 1000 ml	●	●	●	●	●
ACC919	Gel canister 5000 ml	●	●	●	●	●
ACC400/1	Conductive rubber electrode, 80 x 120 mm		●	●		●
ACC403	Conductive rubber electrode, 60 x 85 mm		●	●		●
ACC402	Conductive rubber electrode, 50 x 50 mm		●	●		●
ACC401	Sponge electrode cover, 80 x 120 mm		●	●		●
ACC003	Sponge electrode cover, 60 x 85 mm		●	●		●
ACC001	Sponge electrode cover, 50 x 50 mm		●	●		●
ACC28	Stretch bandage, 1000 x 50 mm		●	●		●
ACC27	Stretch bandage, 600 x 50 mm		●	●		●
ACC051	Probe for manual stimulation		●	●		●
ACC430	Self-adhesive electrodes, 45 x 35 mm (4 pcs.)		●	●		●
ACC432	Self-adhesive electrodes, 45 x 80 mm (4 pcs.)		●	●		●
ACC431	Self-adhesive electrodes, 46 x 47 (4 pcs.)		●	●		●
ACC433	Self-adhesive electrodes, 45 x 98 (4 pcs.)		●	●		●
ACC436	Self-adhesive round electrodes, ø 32 mm (4 pcs.)		●	●		●
ACC435	Self-adhesive round electrodes, ø 50 mm (4 pcs.)		●	●		●
ACC434	Self-adhesive round electrodes, ø 75 mm (4 pcs.)		●	●		●
ACC231	Kit of galvanic basins		●	●		●
ACC624	Link cable for combined use of electrotherapy / ultrasound	●			●	
ACC605 BO-U	Orthostatic arm	●	●	●	●	●
ACC606	Pack of 10 patient smart cards	●		●		
ACC601	Uro-gynaecology kit		●	●		●
ACC603/8	2-channel electrotherapy output cable		●	●		●
CONT72	Transport bag in tnt fabric	●	●	●	●	●
ACC604	3-shelf trolley	●	●	●	●	●
ACC1317/2/E	USB key					●
MLA125	Laser probe with 1 diode of 25 mW					●
MLA110	Laser probe with 1 diode of 100 mW					●
MLA375	Laser probe with 3 diodes of 25 mW (75 mW in total)					●
MLA512	Laser probe with 5 diodes of 25 mW (125 mW in total)					●
MLA330	Laser probe with 3 diodes of 100 mW (300 mW in total)					●
MLA550	Laser probe with 5 diodes of 100 mW (500 mW in total)					●
ACC062	Laser protective goggles					●



OPTIONAL ACCESSORIES

ELEKTRA 2

THERAPIC 7200-9200-9400

THERAPIC 2000

ACC400/1	Conductive rubber electrode, 80 x 120 mm	•	•	•
ACC403	Conductive rubber electrode, 60 x 85 mm	•	•	•
ACC402	Conductive rubber electrode, 50 x 50 mm	•	•	•
ACC401	Sponge electrode cover, 80 x 120 mm	•	•	•
ACC003	Sponge electrode cover, 60 x 85 mm	•	•	•
ACC001	Sponge electrode cover, 50 x 50 mm	•	•	•
ACC28	Stretch bandage, 1000 x 50 mm	•	•	•
ACC27	Stretch bandage, 600 x 50 mm	•	•	•
ACC051	Probe for manual stimulation	•	•	•
ACC430	Self-adhesive electrodes, 45 x 35 mm (4 pcs.)	•	•	•
ACC432	Self-adhesive electrodes, 45 x 80 mm (4 pcs.)	•	•	•
ACC431	Self-adhesive electrodes, 46 x 47 (4 pcs.)	•	•	•
ACC433	Self-adhesive electrodes, 45 x 98 (4 pcs.)	•	•	•
ACC436	Self-adhesive round electrodes, ø 32 mm (4 pcs.)	•	•	•
ACC435	Self-adhesive round electrodes, ø 50 mm (4 pcs.)	•	•	•
ACC434	Self-adhesive round electrodes, ø 75 mm (4 pcs.)	•	•	•
ACC231	Kit of galvanic basins	•	•	•
ACC624	Link cable for combined use of electrotherapy / ultrasound	•	•	•
ACC603/8	2-channel electrotherapy output cable	•	•	•
ACC603/9	4-channel electrotherapy output cable		(THERAPIC 9400)	
ACC606	Pack of 10 patient smart cards	•	•	
ACC601	Uro-gynaecology kit	•	•	•
CONT72	Transport bag in tnt fabric	•	•	•
ACC604	3-shelf trolley	•	•	•
ACC1317/2/E	USB key			

RADAR THERAPY



OPTIONAL ACCESSORIES

RADARMED 2500 CP

RT 250 DIGITAL

ART22433	Orthostatic arm	•	•
ACC616	High-frequency radar cable	•	•
ACC191	AC round antenna	•	•
ACC235	A3D - 3-dimensional antenna	•	•
ACC234	AR - rectangular antenna	•	•
ACC606	Pack of 10 patient smart cards	•	

MAGNETIC THERAPY



AC5452 – CP30



AC5451 – CP60



ACC615 – CP



ACC5512 – LC60/2



ACC5510 – LC60



ACC604



ACC606



CONT72

OPTIONAL ACCESSORIES

MAGNETOMED 7200 / 8400

MAGNETOMED 2000

ACC5452 – CP30 Portable cylinder W.I.S. (Wood Injection System) with 30cm diameter for the treatment of lower and upper limbs, equipped with feet for standing on flat surfaces, with exclusive MFC patented system which concentrates the lines of force inside the solenoid without external dispersion (in conformity with d. lgs. 626). Identification of the north pole for correct orientation.

●

●

ACC5451 – CP60 Portable cylinder W.I.S. (Wood Injection System) with 50cm diameter for the treatment of lower and upper limbs, equipped with feet for standing on flat surfaces, with exclusive MFC patented system which concentrates the lines of force inside the solenoid without external dispersion (in conformity with d. lgs. 626). Identification of the north pole for correct orientation.

●

●

ACC615 – CP Pair of applicators sized 16 x 10 x 3,5 cm for localised treatments. The applicators can work side by side (to treat wide areas) or one opposed to the other (to concentrate magnetic induction in a limited area). Light weight and reduced heat sensation during the treatment.

●

●

ACC5512 – LC60/2 High-tech couch in aluminium with 2 highly sliding tracks and 2 cylinders W.I.S. (Wood Injection System) with 60 cm diameter and 30 cm large, featuring exclusive MFC patented system which concentrates the lines of force inside the solenoid without external dispersion (in conformity with d. lgs. 626). Identification of the north pole for correct orientation.

●

●

ACC5510 – LC60 High-tech couch in aluminium with 1 highly sliding track and 1 cylinder W.I.S. (Wood Injection System) with 60 cm diameter and 30 cm large, featuring exclusive MFC patented system which concentrates the lines of force inside the solenoid without external dispersion (in conformity with d. lgs. 626). The 60 cm solenoid is installed on a tray with ball-bearing system that slides over the entire length of the couch. Identification of the north pole for correct orientation.

●

●

ACC7150 – LC60E High-tech couch in aluminium with electrical sliding system equipped with 1 highly sliding track and 1 solenoid W.I.S. (Wood Injection System) with 60 cm diameter and 30 cm large, 1 remote control.

●

●

ACC668 Cable for the cylinder

●

●

ACC604 3-shelf trolley

●

●

ACC606 Pack of 10 patient smart cards

●

CONT72 Transport bag in tnt fabric

●

●



OPTIONAL ACCESSORIES

HR TEK DESK

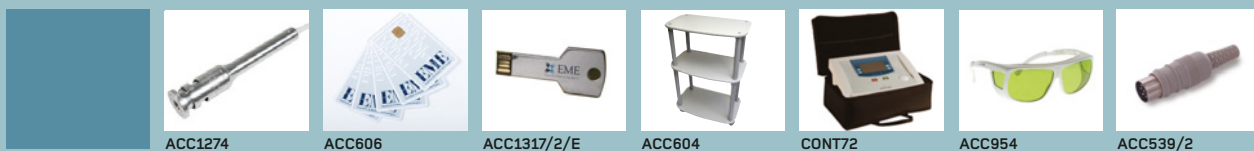
HR TEK

HR TEK BASIC

ACC1268/1	Applicator for resistive electrodes with power regulation	•	•	
ACC1268	Applicator for capacitive electrodes with power regulation	•	•	
ACC1280/1	Applicator for capacitive electrodes			•
ACC1280	Applicator for resistive electrodes			•
ACC1268/3	Resistive electrode ø 30 mm	•	•	•
ACC1268/5	Resistive electrode ø 50 mm	•	•	•
ACC1268/7	Resistive electrode ø 70 mm	•	•	•
ACC1268/8	Resistive electrode ø 80 mm	•	•	•
ACC1307/3	Capacitive electrode ø 30 mm	•	•	•
ACC1307/5	Capacitive electrode ø 50 mm	•	•	•
ACC1307/7	Capacitive electrode ø 70 mm	•	•	•
ACC1307/8	Capacitive electrode ø 80 mm	•	•	•
ART1310	Steel plate	•	•	•
ACC1309	Cylindrical mass	•	•	•
ACC1506/2	Canister of conductive cream 1000 ml	•	•	•
ACC606	Pack of 10 patient smart cards			•
CONT72	Transport bag in tnt fabric	•		•
ACC604	3-shelf trolley	•		•
ACC1317/2/E	USB key	•	•	

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HPLS HIGH POWER LASER SYSTEM



OPTIONAL ACCESSORIES

BI POWER LUX 6W - 12W

VIKARE 4W - 8W

CRYSTAL YAG

CRYSTAL YAG DESK

ACC1274	Defocused laser probe with optical fibre, 4 spot sizes			•	
ACC606	Pack of 10 patient smart cards		•		
ACC954	Laser protective goggles	•	•	•	•
CONT72	Transport bag in tnt fabric	•	•		•
ACC604	3-shelf trolley	•	•		•
ACC1317/2/E	USB key	•		•	•
ACC539/2	Interlock	•	•	•	•

PRESSURE THERAPY



ACC536 - GC9



ACC334 - GC9/S



ACC533 - BC7 PRO



ACC535 - BC5 x 2



ACC606

OPTIONAL ACCESSORIES

PRESSOMED
2900

PRESSOMED
EVO

PRESSOMED
707KP

ACC536 - GC9 Kit point with 9 sectors for lower limbs.
The kit is composed of 2 leg sleeves with 6 sectors, 1 inguinal sector, 2 abdominal Sectors, internal air chambers in latex, Velcro closure.

●

ACC334 - GC9/S Kit point with 9 sectors for lower limbs and separate foot sector.
The kit is composed of 2 foot sectors, 2 leg sleeves with 4 sectors, 1 inguinal sector, 2 abdominal sectors, internal air chambers in latex, Velcro closure.

●

ACC533 - BC7 PRO Kit point with 7 sectors for upper limbs, designed for post mastectomy applications.

●

●

ACC535 - BC5 x 2 Kit point with 7 sectors for upper limbs, general purpose applications.

●

●

●

ACC606 Pack of 10 patient smart cards

●

●

ACC534 - GC7B Kit-point lower limbs 7 chambers

●

ACC533/2 - BC7 X 2 Kit-point upper limbs 7 chambers (n. 2 arm sleeves)

●

ACC810 Kit-point lower limb 12 chambers

●

ACC811 Total Body kit-point for upper and lower limbs

●

SHOCKWAVE



ACC1323



ACC1273



ACC1273/0



ACC1273/1



ACC1323/0



ACC1317/2/E



ACC604



CONT72

OPTIONAL ACCESSORIES

SHOCK MED

SHOCK MED
COMPACT

ACC1323 Applicator with 15 mm transmitter

●

●

ACC1273 Focused transmitter, 15 mm

●

●

ACC1273/0 Multi focused transmitter, 9mm

●

●

ACC1273/1 Multi focused transmitter, 15 mm

●

●

ACC1323/0 Interchangeable kit for the applicator

●

●

CONT72 Transport bag in tnt fabric

●

ACC604 3-shelf trolley

●

ACC1317/2/E USB key

●

●



OPTIONAL ACCESSORIES

LASERMED
2100 – 2200

LIS 1050

PR999

MULTIDIODE PROBES

ACC681-MLA3/75	Laser probe with 3 diodes of 25 mW (75 mW in total) + guide light
ACC682-MLA3/150	Laser probe with 3 diodes of 50 mW (150 mW in total) + guide light
ACC683-MLA3/300	Laser probe with 3 diodes of 100 mW (300 mW in total) + guide light
ACC684-MLA5/125	Laser probe with 5 diodes of 25 mW (125 mW in total) + guide light
ACC685-MLA5/250	Laser probe with 5 diodes of 50 mW (250 mW in total) + guide light
ACC686-MLA5/500	Laser probe with 5 diodes of 100 mW (500 mW in total) + guide light
ACC687-MLA8/200	Laser probe with 8 diodes of 25 mW (200 mW in total) + guide light
ACC688-MLA8/400	Laser probe with 8 diodes of 50 mW (400 mW in total) + guide light
ACC689-MLA8/800	Laser probe with 8 diodes of 100 mW (800 mW in total) + guide light

MONODIODE PROBES

ACC553 – MLA1/25	Laser probe (905 nm) with 1 diode of 25 mW + guide light
ACC678 – MLA1/50	Laser probe (905 nm) with 1 diode of 50 mW + guide light
ACC679 – MLA1/100	Laser probe (905 nm) with 1 diode of 100 mW + guide light
ACC680 – MLA1/500 POWER	Laser probe (808 nm) with 1 diode of 500 mW + guide light

ACC691 – MLA ACU	Kit for laser acupuncture composed of laser probe with 1 diode of 25mw with special focusing lens
ACC601	Round lens for MLA1
ART22120	Round lens for MLA3
ART22125	Round lens for MLA5 / 8
ACC600	Conical lens for MLA ACU
ART22157	Probe holder for MLA5 / MLA8
ART2230-MLAI	Probe holder for MLA1 / MLA3
ACC605/1	Pantographic arm for MLA1 / MLA3 / MLA5 / MLA8
ACC062	EME laser protective goggles
ACC954	Laser protective goggles
ACC539/2	Interlock
ACC606	Pack of 10 patient smart cards
CONT72	Transport bag in tnt fabric
ACC604	3-shelf trolley

MODULAR EQUIPMENT



ACCESSORIES AND OPTIONAL MODULES

POLYTER EVO INDOOR

POLYTER EVO OUTDOOR

BN0005	Battery module	•	
MT0005	TECAR MODULE		
ACC1280	Resistive probe	•	•
ACC1268/3	Ø 30 mm resistive electrode	•	•
ACC1268/5	Ø 50 mm resistive electrode	•	•
ACC1268/7	Ø 70 mm resistive electrode	•	•
ACC1280/1	Capacitive probe	•	•
ACC1307/3	Ø 30 mm capacitive electrode	•	•
ACC1307/5	Ø 50 mm capacitive electrode	•	•
ACC1307/7	Ø 70 mm capacitive electrode	•	•
ART1310	Steel plate	•	•
ACC1506/2	Bottle of conductive RF Cream of 1000 ml	•	•
MT0002	ELECTROTHERAPY MODULE		
MT0002/1	"PRO" ELECTROTHERAPY MODULE		
ACC603/8	2 outputs cable (2 mm)	•	•
ACC402	Small electrodes 50x50 mm	•	•
ACC001	Small Sponges	•	•
ACC403	Medium electrodes 60x85 mm	•	•
ACC003	Medium sponges	•	•
ACC28	Elastic band 1000x50 mm	•	•
ACC27	Elastic band 600x50 mm	•	•
ML0003	LASER MODULE		
MLA125	25 mW Laser probe	•	•
ACC062	Laser protective goggles	•	•
ACC539/2	Interlock	•	•
MU0001	ULTRASOUND MODULE		
TV1POE	1/3 Mhz probe of 1 cm²	•	•
TV3POE	1/3 Mhz probe of 3 cm²	•	•
TV5POE	1/3 Mhz probe of 5 cm²	•	•
TV8POE	1/3 Mhz probe of 8 cm²	•	•
MM0004	MAGNETOTHERAPY MODULE		
ACC072	Magnetic testing ring	•	•
ACC615	Pair of applicators	•	•
ACC28	Elastic band 1000x50 mm	•	•
ACC27	Elastic band 600x50 mm	•	•

VACUUM THERAPY



OPTIONAL ACCESSORIES

VACUUMED

ACC913	Vacuum cups, Ø 30 mm (2 pcs.)	●
ACC695	Vacuum cups, Ø 60 mm (2 pcs.)	●
ACC914	Vacuum cups, Ø 90 mm (2 pcs.)	●
ACC915	Vacuum sponges, Ø 30 mm (4 pcs.)	●
ACC621	Vacuum sponges, Ø 60 mm (4 pcs.)	●
ACC916	Vacuum sponges, Ø 90 mm (4 pcs.)	●
ACC696	Vacuum output cable	●
ACC697	Link cable for combined use of vacuum/electrotherapy	●
ACC699	Short output cable, 20 cm	●
ACC604	3-shelf trolley	●

MODELS	ULTRASONIC 1300	ULTRASONIC 1500	US50
Main power supply	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*
Maximum main power absorption	40 VA	70 VA	40 VA
Fuses	2 x 630 mA-T	2 x 630 mA-T	2 x 630 mA-T
Backlit LCD display to view and check the operating parameters	Graphic colour 320x240 Pixel Touch & Scroll	Graphic colour 320x240 Pixel Touch & Scroll	Graphic bw 240x128 Pixel
Adjustable treatment time	1-30 minutes	1-30 minutes	1-30 minutes
Operation frequency	1/3 MHz	1/3 MHz	1/3 MHz
Isolation class	I BF Type	I BF Type	I BF Type
Risk class (93/42/CEE)	IIB	IIB	IIB
Degree of protection from liquids	IPX0	IPX0	IPX0
Probe	IPX4	IPX4	IPX4
Output channels	1	2 independent	1
Peak power in continuous mode	2 W / cm ² $\pm$ 20%	2 W / cm ² $\pm$ 20%	2 W / cm ² $\pm$ 20%
Peak power in pulsed mode	3 W / cm ² $\pm$ 20%	3 W / cm ² $\pm$ 20%	3 W / cm ² $\pm$ 20%
Duty cycle	10% - 100%	10% - 100%	10% - 100%
Stored protocols	63	63	43
Storable programs on the internal memory	200	200	50
Storable programs on the Smart Card	200	200	
Automatic contact sensor	•	•	•
Automatic probe recognition	•	•	•
Low BNR selfcalibrating probe	•	•	•
Water resistant probe	•	•	•
Possibility to update the software	•	•	
External connection	•	•	•
Weight	3,6 Kg	4 Kg	3,6 Kg
Size	39 x 14 x 30 cm	39 x 14 x 30 cm	39 x 14 x 30 cm

*on request

MODELS	THERAPIC 7200 / 9200	THERAPIC 9400	ELEKTRA 2	THERAPIC 2000
Main power supply	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*
Maximum main power absorption	30 VA	35 VA	30 VA	30 VA
Double delayed type (T) mains fuse protection	2 x 630 mA-T	2 x 630 mA-T	315 mA-T	2 x 630 mA-T
Backlit LCD display to view and check the operating parameters	Graphic colour 320 x 240 Pixel Touch & Scroll	Graphic colour 320 x 240 Pixel Touch & Scroll	Graphic colour 6" Touch Screen	Graphic bw 240 x 128 Pixel
Adjustable treatment time	1 - 99 minutes	1 - 99 minutes	1 - 99 minutes	1 - 99 minutes
Operation	Constant Voltage Constant Current	Constant Voltage Constant Current	Constant Voltage Constant Current	Constant Voltage Constant Current
Risk class (93/42/CEE)	IIB	IIB	IIB	IIB
Creation of the Rheobase and Chronaxie intensity/Time curve	•	•	•	
Interferential currents	Up to 4.000 HZ	Up to 4.000 HZ	Up to 4.000 HZ	Up to 4.000 HZ
Current high voltage			500V	
Micro current			•	
Continuous currents Iontophoresis	Limited to 50 mA	Limited to 50 mA	Limited to 50 mA	Limited to 30 mA
Diadynamic currents	Limited to 70 mA	Limited to 70 mA	Limited to 50 mA	Limited to 50 mA
Peak currents with other wave forms	100 mA	100 mA	100 mA	100 mA
Peak power	100 V	100 V	100 V	100 V
Independent output channels	2	4	2	2
Alarm "incorrect output load"	•	•		•
Automatic and/or manual polarity inversion	•	•	•	
Stored protocols	91/126	126	250	50
Storable programs on the internal memory	200	200	200	50
Storable I/T curve diagnose	100	100	100	
Protocols in sequence	10	10	10	
80 Storable programs on the Smart Card	50 programs 20 I/T curve diagnose 10 protocols in sequence	50 programs 20 I/T curve diagnose 10 protocols in sequence		
Ultrasound connection	•	•	•	•
Vacuumed connection	•	•	•	•
Possibility to update the software	•	•	•	
Weight	4,4 Kg	4,4 Kg	4,4 Kg	4,3 Kg
Size	39 x 14 x 30 cm	39 x 14 x 30 cm	39 x 14 x 30 cm	39 x 14 x 30 cm

*on request

MODELS	COMBIMED 200	COMBIMED 2200	COMBIMED 4000
Main power supply	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*
Maximum main power absorption	60 VA	60 VA	60 VA
Risk class (93/42/CEE)	IIB	IIB	IIB
Backlit LCD display	Graphic bw 240x128 Pixel	Graphic colour 320x240 Pixel Touch & scroll	Graphic colour 10" Touch Screen
Stored protocols	25 Electrotherapy 25 Ultrasounds	40 Electrotherapy 40 Ultrasounds 20 Combined	125 Electrotherapy - 22 Combined 73 Ultrasounds 90 LLLT
Storable programs on the internal memory	50	100 Electrotherapy 100 Ultrasounds	200 Electrotherapy - 200 Ultrasounds 200 Ultrasounds - 200 Combined
Storable programs on the Smart Card		200	
Storable programs on the USB Key			4 GB
Vacuumed connection	•	•	•
Possibility to update the software		•	•
Multi-Therapy function + Help on line			•
Weight	7 Kg.	7 Kg.	7 Kg.
Size	39 x 14 x 30 cm	39 x 14 x 30 cm	39 x 14 x 30 cm
ELECTROTHERAPY SECTION			
Adjustable treatment time	1-99 minutes	1-99 minutes	1-99 minuti
Output channels for electrotherapy	2 independent outputs	2 independent outputs	2 independent
Low and medium frequency currents	16 wave forms	17 wave forms	30 wave forms
Operation	Constant Voltage Constant current	Constant Voltage Constant current	Constant Voltage Constant current
Peak power	100 V	100 V	100 V
Peak power on other wave forms	100 mA	120 mA	100 mA
Creation of the I/T curve - Rheobase - Chronaxie		•	•
ULTRASOUND SECTION			
			SEZIONE ULTRASUONI
Adjustable treatment time	1 - 30 minutes	1 - 30 minutes	1-30 minutes
Output channels for ultrasounds	1	1	1
Emission frequency	1 MHz - 3 MHz $\pm$ 15%	1 MHz - 3 MHz $\pm$ 15%	1 MHz e 3 MHz $\pm$ 15%
Adjustable duty cycle	10 - 100%	10 - 100%	10 - 100%
Peak power on continuous mode	2 W / cm ² $\pm$ 20%	2 W / cm ² $\pm$ 20%	2 W / cm ² $\pm$ 20%
Peak power on pulsed mode	3 W / cm ² $\pm$ 20%	3 W / cm ² $\pm$ 20%	3 W / cm ² $\pm$ 20%
Automatic recognition of the probe	•	•	•
Low BNR self calibrating probes	•	•	•
Water resistant probes	•	•	•
LASER SECTION			
Emission wavelength Laser Diode			905 nm
Adjustable treatment time			1-99 minuti
Programmable pulse frequency			200 - 10.000 Hz
Pulsed mode			0 - 100%
Probe with automatic contact sensor			•
Output channels			1

*on request

MODELS	POLYTER EVO INDOOR	POLYTER EVO OUTDOOR – With integrated battery
Main power supply	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*
Backlit LCD display	Graphic colour 7" Touch Screen	Graphic colour 7" Touch Screen
Working mode	Technology/module 1 at a time, except Combined mode ET + US	Technology/module 1 at a time, except Combined mode ET + US
Electrical insulation class applied/parts According to UNI EN 60601-1	I / BF	I / BF
Risk class (93/42/CEE)	II B	II B
Board case in ABS, dimensions	61x37x23H cm	61x37x23H cm
ELECTROTHERAPY MODULE		
Adjustable treatment time	1 - 99 minutes	1 - 99 minutes
Low and medium frequency currents	25 wave forms	25 wave forms
Operation	Constant Voltage / Constant current	Constant Voltage / Constant current
Output channels	2 independent outputs	2 independent outputs
Stored protocols	126	126
ULTRASOUND MODULE		
Adjustable treatment time	1 - 30 minutes	1 - 30 minutes
Working mode	Continuous / Pulsed	Continuous / Pulsed
Emission frequency	1 MHz e 3 MHz $\pm$ 15%	1 MHz e 3 MHz $\pm$ 15%
Adjustable duty cycle	10 – 100 %	10 – 100 %
Peak power on continuous mode	2 W/cm ² $\pm$ 20%	2 W/cm ² $\pm$ 20%
Peak power on pulsed mode	3 W/cm ² $\pm$ 20%	3 W/cm ² $\pm$ 20%
Output channels	1	1
Stored protocols	70	70
LASER MODULE		
Adjustable treatment time	1 - 99 minutes	1 - 99 minutes
Emission wavelength Laser Diode	905 nm	905 nm
Risk classification of laser according to EN 60825-1	3B	3B
Programmable pulse frequency	100 - 10.000 Hz	100 - 10.000 Hz
Pulse duration	100 nsec	100 nsec
Pulsed mode	10 – 100 %	10 – 100 %
Output channels	1	1
Stored protocols	88	88
MAGNETOTHERAPY MODULE		
Adjustable treatment time	1 - 99 minutes	1 - 99 minutes
Adjustable duty cycle	10÷100 %1	0÷100 %
Programmable treatment frequency	1–100 Hz	1–100 Hz
Maximum induction	100 Gauss $\pm$ 20%	100 Gauss $\pm$ 20%
Output channels	1	1
Stored protocols	91	91
TECAR MODULE		
Output channels	1	1
Peak power	200 Wpk max.	200 Wpk max.
Supplied Probes	1 Capacitive – 1 Resistive	1 Capacitive – 1 Resistive
Emission frequency of the probe	455 kHz	455 kHz
Diameter resistive and capacitive electrodes	30 / 50 / 70 mm	30 / 50 / 70 mm
Stored protocols	20	20
Adjustable power	0-100%	0-100%
Adjustable treatment time	1 - 60 minutes	1 - 60 minutes
*su richiesta		

LASERTHERAPY

TECHNICAL SPECIFICATIONS

MODELS	LASERMED 2100	LASERMED 2200	LIS 1050
Main power supply	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*
Double delay type (T) mains	315 mA-T	315 mA-T	315 mA-T
Backlit LCD Display to view and check the operating parameters	Graphic colour - 320 x 240 Pixel Touch & scroll	Graphic colour - 320 x 240 Pixel Touch & scroll	Graphic bw 240x128 Pixel
Length of the Diode laser emission wave	905 nm	905 nm	905 nm
Adjustable treatment time	1-99 minutes	1-99 minutes	1-99 minutes
Adjustable pulse frequency	200 - 10.000 Hz	200 - 10.000 Hz	200 - 10.000 Hz
Pulse duration	100 ns	100 ns	100 ns
Pulsed mode	10 - 100%	10 - 100%	10 - 100%
Output channels	1	2 independent	1
Isolation class	I BF Type	I BF Type	I BF Type
Risk class (93/42/CEE)	IIB	IIB	IIB
Laser classification	3B	3B	3B
Stored protocols	85	85	50
Storable procotols on the internal memory	200	200	50
Storable programs on the Smart Card	200	200	
Automatic contact sensor	•	•	•
Possibility to update the software	•	•	
Weight	4 Kg	4 Kg	4 Kg
Size	39 x 14 x 30 cm	39 x 14 x 30 cm	39 x 14 x 30 cm

*on request

VACUUM THERAPY

TECHNICAL SPECIFICATIONS

MODELS	VACUUMED
Main power supply	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*
Maximum power absorbed from the mains	25 VA
Risk class (MDD 93/42/CEE)	IIA
Treatment time	Adjustable
Range di temperature operative	(+10 : + 40) °C
Depressione realizzabile	(0 : 0,6) bar
Maximum pulses with full scale frequency	60 with minimum suction intensity 15 with maximum suction intensity
Electric output channels	2 independent
Table container in plastic, external size (width x height x depth)	34 x 11 x 35,5 cm
Weight	6,4 Kg

*on request

MODELS	MAGNETOMED 7200	MAGNETOMED 8400	MAGNETOMED 2000
Main power supply	230 Vca, 50-60 Hz ± 10% 115 Vca, 50-60 Hz ± 10%*	230 Vca, 50-60 Hz ± 10% 115 Vca, 50-60 Hz ± 10%*	230 Vca, 50-60 Hz ± 10% 115 Vca, 50-60 Hz ± 10%*
Fuses	2 x 3.15A-T	2 x 6.3A-T	2 x 3.15A-T
Backlit LCD display to view and check the operating parameters	Graphic colour 320x240 Pixel Touch & scroll	Graphic colour 320x240 Pixel Touch & scroll	Graphic bw 240x128 Pixel
Adjustable treatment time	1 - 99 minutes	1 - 99 minutes	1 - 99 minutes
Adjustable treatment frequency	1-100 Hz	1-100 Hz	1-100 Hz
Maximum induction	100 Gauss ± 20%	100 Gauss ± 20%	100 Gauss ± 20%
Isolation class	I BF Type	I BF Type	I BF Type
Risk class (93/42/CEE)	IIA	IIA	IIA
Degree of protection from liquids	IPX0	IPX0	IPX0
MFC patent that reduces electromagnetic pollution by more than 85%	•	•	•
Output channels	2	4 independent	2
Stored protocols	81	81	50
Storable procotols on the internal memory	200	200	50
Storable programs on the Smart Card	200	200	
Power greater than 400 Gauss		•	
Possibility to manage solenoids in various shapes and sizes	•	•	•
Protection from electric short circuit	•	•	•
Adjustable Duty cycle from 10% a 100%	•	•	•
Weight	3,5 Kg	27 Kg	3,8 Kg
Size	39 x 14 x 30 cm	39 x 89 x 30 cm	39 x 14 x 30 cm

MODELS	RADARMED 2500 CP	RT 250 DIGITAL
Main power supply	230 Vca, 50-60 Hz ± 10% 115 Vca, 50-60 Hz ± 10%*	230 Vca, 50-60 Hz ± 10% *su richiesta 115 Vca, 50-60 Hz ± 10%*
Maximum main power absorption	650 VA	650 VA
Double delay type (T) mains	6.3 A-T	6.3 A-T
Backlit LCD display to view and check the operating parameters	Graphic colour 320x240 Pixel Touch & Scroll	Graphic bw 240x128 Pixel
Adjustable treatment time	1-30 minutes	1-30 minutes
Pulsed peak power on 50 Ohm load	1600 W	1600 W
Continuous peak power on 50 Ohm load	250 W	250 W
Isolation class	I BF Type	I BF Type
Risk class (93/42/CEE)	IIB	IIB
Degree of protection from liquids	IPX0	IPX0
Stored protocols	100	50
Storable procotols on the Smart Card	200	
Storable programs on the internal memory	200	50
Alarm in case of overheating	•	•
Diagnostic test to check the unit function	•	
Low noise fans	•	
Weight	40 Kg	40 Kg
Size	39 x 89 x 30 cm	39 x 89 x 30 cm

*on request

MODELS	VIKARE 4W	VIKARE 8W	BIPOWER LUX 6W	BIPOWER LUX 12W
Main power supply	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*
Maximum main power absorption	70 VA	70 VA	75 VA	75 VA
Double delay type (T) main fuses	230 Vca 630 mA-T-5x20 mm	230 Vca 630 mA-T-5x20 mm	230 Vca 630 mA-T-5x20 mm	230 Vca 630 mA-T-5x20 mm
Backlit LCD display to view and check the operating parameters	Graphic colour LCD 6" Touch screen	Graphic colour LCD 6" Touch screen	Graphic colour LCD 8" Touch screen	Graphic colour LCD 8" Touch screen
Maximum power	4W	8W	6W	12W
Configuration of the laser probe	Integral connection with the machine	Integral connection with the machine	Integral connection with the machine	Integral connection with the machine
Emission wavelength laser diode	940 nm	940 nm	810 + 980 nm	810 + 980 nm
Laser Classification	4	4	4	4
DNRO (m)	1,215	1,721	2,100	2,986
Emission frequency	100 – 10000 Hz	100 – 10000 Hz	100 – 10000 Hz	100 – 10000 Hz
Pulsed mode	10 - 100%	10 - 100%	10 - 100%	10 - 100%
Classification according to Directive 93/42/EEC	IIB	IIB	IIB	IIB
Output channels	1	1	1	1
Insulation class / parts applied in accordance with EN 60601-1	I/BF	I/BF	I/BF	I/BF
Stored protocols	32	32	32	32
Storable programs on the internal memory	200	200	200	200
Storable programs on the Smart Card	200	200		
Storable programs on the USB			4 Gb	4 Gb
Weight	4,65 Kg	4,65 Kg	4,90 Kg	4,90 Kg
Transportable desktop container Size	39 x 17,5 x 28 cm	39 x 17,5 x 28 cm	39 x 17,5 x 28 cm	39 x 17,5 x 28 cm

*on request

MODELS	SHOCK MED	SHOCK MED COMPACT
Main power supply	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*
Maximum mains power absorption	80 VA	80 VA
Maximum compressor absorption	550 VA	550 VA
Frequency	from 50Hz to 60Hz	from 50Hz to 60Hz
Backlit LCD display	Graphic colour LCD 8" Touch Screen	Graphic colour LCD 6" Touch Screen
Risk class (93/42/CEE)	IIB	IIB
Intensity of electrical discharge	1- 5 Bar max	1- 4 Bar max
Frequency of electrical discharge	1- 20 Hz max	1- 15 Hz max
Treatment period	0 - 2 millions rounds	0 - 2 millions rounds
Stored protocols	20	20
Storable protocols on the internal memory	200	200
Storable protocols on the USB	4 Gb	
Patient's Card	•	•
One-touch mode	•	•
Weight	31 Kg	8 Kg
Size	39 x 91 x 32 cm	39 x 17,5 x 28 cm
*on request		

TECAR THERAPY

TECHNICAL SPECIFICATIONS

MODELS	HR TEK	HR TEK DESK	HR TEK BASIC
Main power supply	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*
Double delay type (T) mains	230 Vca - 3.15 A-T - 5x20 mm	230 Vca - 3.15 A-T - 5x20 mm	230 Vca - 3.15 A-T - 5x20 mm
Backlit LCD display	Graphic colour 320 x 340 pixel Touch Screen	Graphic colour 320 x 340 pixel Touch Screen	Graphic colour 320 x 340 pixel Touch Screen
Adjustable treatment time	Up to 30 minutes	Up to 30 minutes	Up to 30 minutes
Operation frequency	455 KHz $\pm$ 10%	455 KHz $\pm$ 10%	455 KHz $\pm$ 10%
Peak power	Max 300 W	Max 250 W	Max 200 W
Isolation class	I BF	I BF	I BF
Risk class (93/42/CEE)	II B	II B	II B
Output channels	2 - n.1 capacitive use output, n.1 resistive use output	2 - n.1 capacitive use output, n.1 resistive use output	2 - n.1 capacitive use output, n.1 resistive use output
Probe supplied with power adjustment buttons + / -	2 - n.1 for capacitive use, n.1 for resistive use	2 - n.1 for capacitive use, n.1 for resistive use	2 - without adjustment of power, n.1 capacitive, n.1 resistive
Stored protocols	48	48	20
Storable programs on the internal memory	200	200	200
Storable programs on the Smart Card			200
Storable programs on the USB	4 Gb	4 Gb	
Size	Trolley 39 x 89 x 30 cm	39 x 28 x 18 cm	39 x 28 x 18 cm
Weight	30 Kg	9,5 Kg	9,5 Kg
*on request			

MODELS	CRYSTAL YAG	CRYSTAL YAG DESK
Main power supply	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*
Maximum main power absorption	280 VA	75 VA
Double delay type (T) mains	230 Vca - 5 A-T	230 Vca - 5 A-T
Backlit LCD display to view and check the operating parameters	Graphic colour 8" Touch screen	Graphic colour 8" Touch screen
Peak power in continuous mode	25W	12W
Pulse adjustable	10 - 100%	10 - 100%
Setting emission	10 - 100%	10 - 100%
Emission	Continuous	Continuous
Emission frequency	0 - 30Hz	0 - 30Hz
Classification according to Directive 93/42/EEC	IIB	IIB
Insulation class / parts applied in accordance with EN 60601-1	I/BF	I/BF
Adjustable treatment time	Up to 99 minutes	Up to 99 minutes
Output channels	1	1
Stored protocols	32	32
Storable programs on the internal memory	200	200
Storable programs on the USB	4 Gb	4 Gb
Size	Trolley based 40,6 x 105 x 30 cm	39 x 17,5 x 28 cm
FEATURES LASER SOURCE		
Source type	Nd-Yag	Nd-Yag
Peak power in continuous mode	25W	12W
Wavelength	1064 nm	1064 nm
Laser Class according to EN 60825	4	4
DNRO (m)	3,19 m	2,20 m
Beam divergence	35°	35°

*on request

MODELS	PR 999 500 mW	PR 999 4W	PR 999 8W
Main power supply	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*
Max. mains Power absorption	25VA	60VA	60VA
Double fuse protection (T)	630 mA-T for supply to 230Vac, 16 A-T for supply to 115Vac	16 A-T for supply to 230Vac, 3.5 A-T for supply to 115Vac	16 A-T for supply to 230Vac, 3.5 A-T for supply to 115Vac
Backlit LCD Display visualise and control operating parameters	Graphic bw 320x240 Pixel	Graphic bw 320x240 Pixel	Graphic bw 320x240 Pixel
Programmable treatment time	Up to 99 minutes	Up to 99 minutes	Up to 99 minutes
Diode Laser wave length emission	808 nm	808 nm + 940 nm	940 nm
Laser classification according to EN 60825-1	1-100 Hz	1-100 Hz	1-100 Hz
Device class in according to the 93/42/CEE directive	IIB	IIB	IIB
Electrical insulation	I tipo BF	I tipo BF	I tipo BF
Programmable pulse frequency	(200 ÷ 10000) Hz	(200 ÷ 10000) Hz	(200 ÷ 10000) Hz
X scanning amplitude at Z (distance) of 45 cm approx	(1÷ 20)cm	(1÷ 20)cm	(1÷ 20)cm
Y scanning amplitude at Z (distance) of 45 cm approx	(1÷ 20)cm	(1÷ 20)cm	(1÷ 20)cm
Number of diodes in the device	1 x 500 mW	2 x 2 W	1 x 8 W
DNRO (direct light)	5 m	25 m	75 m
Laser emission	Continuous and pulsed emission	Continuous and pulsed emission	Continuous and pulsed emission
Independent output channels	2	2	2
Stored therapeutic suggestions	85	85	85
Storable therapeutic suggestions	200	200	200
Unit body weight	35 Kg	35 Kg	35 Kg
External size	39 x 168 x 92 cm	39 x 168 x 92 cm	39 x 168 x 92 cm

*on request

MODELS	PRESSOMED EVO	PRESSOMED 2900	PRESSOMED 707 KP
Main power supply	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*	230 Vca, 50-60 Hz $\pm$ 10% 115 Vca, 50-60 Hz $\pm$ 10%*
Maximum main power absorption	220 VA	220 VA	220 VA
Double mains fuse protection	1.6A-T	1.6A-T	1.6A-T
Backlit LCD Display	Graphic colour 8" Touch Screen	Graphic colour 320 x 340 pixel Touch & Scroll	Graphic colour 320 x 340 pixel Touch & Scroll
Adjustable treatment time	Up to 99 minutes	Up to 99 minutes	Up to 99 minutes
Number of pneumatic sectors (outputs)	12	9	7
Maximum pressure	150 mm Hg	150 mm Hg	150 mm Hg
Risk class (93/42/CEE)	IIA	IIA	IIA
Alarm in case of damage of Kit Point	•	•	•
Automatic Kit Point deflation at the end of treatment	•	•	•
Independent pressure adjustment for each sector	•	•	•
Stored protocols	45	21	21
Storable protocols on the Smart Card		100	100
Storable protocols on the USB Key	4GB		
Storable protocols on the internal memory	100	100	100
Weight	25 Kg	30 Kg	9 Kg
Size	39 x 89 x 30 cm	39 x 89 x 30 cm	45 x 14 x 30 cm

*on request

WAVE FORMS

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	ELEKTRA	THERAPIC 2000	THERAPIC 7000	THERAPIC 9000
MONOPHASE	•	•	•	•
DIPHASE	•	•	•	•
SYNC. MONOPHASE	•	•	•	•
SYNC. DIPHASE	•	•	•	•
SHORT PERIOD	•	•	•	•
LONG PERIOD	•	•	•	•
RECTANGULAR	•	•	•	•
EXPONENTIAL	•		•	•
TRIANGULAR	•	•	•	•
TRAEBERT	•	•	•	•
RECTANGULAR FARADIC	•	•	•	•
TRIANGULAR FARADIC				
MODULATED FARADIC			•	•
TRIANGULAR NEODINAMIC	•	•	•	•
NEODYNAMIC	•		•	•
TENS	•	•	•	•
TENS S/A/R	•	•	•	•
TENS RANDOM S/A/R	•	•	•	•
AL TENS	•			
TENS BURST S/A/R	•	•	•	•
BIPHASIC SA	•	•	•	•
GALVANIC	•	•	•	•
IONTOPHORESIS		•	•	•
KOTZ (RUSSIAN CURRENTS)	•	•		•
INTERFERENT	•	•		•
CLASSIC INTERFERENTIAL	•	•		•
ISOPLANAR INTERFENTIAL	•	•		•
VECTORIAL INTERFERENTIAL	•	•		•
H WAVE	•			
MICROCURRENTS	•			
APS	•			
HIGH VOLTAGE HVPC	•			
NMES	•			

	COMBIMED 2200	COMBIMED 200	COMBIMED 4000	POLYTER EVO
MONOPHASE	•		•	•
DIPHASE	•		•	•
SINC. MONOPHASE	•		•	•
SINC. DIPHASE	•		•	•
SHORT PERIOD	•		•	•
LONG PERIOD	•		•	•
RECTANGULAR	•	•	•	•
EXPONENTIAL	•		•	•
TRIANGULAR	•	•	•	•
TRAEBERT	•	•	•	•
RECTANGULAR FARADIC	•		•	•
TRIANGULAR FARADIC			•	•
MODULATED FARADIC	•		•	•
TRIANGULAR NEODINAMIC	•		•	•
NEODYNAMIC	•		•	•
TENS	•	•	•	•
TENS S/A/R	•	•	•	•
TENS RANDOM S/A/R	•	•	•	•
AL TENS			•	
TENS BURST S/A/R	•	•	•	•
BIPHASIC SA	•	•	•	•
GALVANIC	•	•	•	•
IONTOPHORESIS	•	•	•	•
INTERRUPTED IONOPHORESIS			•	•
KOTZ (RUSSIAN CURRENTS)	•	•	•	•
INTERFERENT	•	•	•	•
CLASSIC INTERFERENTIAL	•	•	•	•
ISOPLANAR INTERFERENTIAL	•	•	•	•
VECTORIAL INTERFERENTIAL	•	•	•	•
H WAVE			•	•
MICROCURRENTS			•	•
APS			•	•
HIGH VOLTAGE HVPC			•	•



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■ Le immagini riprodotte nel presente catalogo hanno fine indicativo e non esplicativo. Per il corretto utilizzo delle apparecchiature, attenersi ai relativi manuali d'uso.

■ The pictures contained in this catalogue do not describe the use of the devices. For a correct use of the devices, please, refer only to the user's manual.

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TOP -QUALITY PHYSIO CONCEPT



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