



research and advanced technology



INSTRUMENTAL PHYSICAL THERAPY



Fisioline® has been synonymous with innovation, research and advanced technology for over 30 years.



Fisioline®



Fisioline® is an Italian manufacturer of electromedical equipment which was established in 1985 and has been operating internationally for several years.

Within **Fisioline®**, the Research and Development department holds a prominent position.

A team of electronic engineers with solid experience in the electromedical field are always on the lookout for innovative solutions for developing cutting-edge equipment.



Fisioline® has an internal production department managed by electronic technicians, guaranteeing a technical support and a direct and full technical assistance.

Fisioline® manufactures vanguard laser devices. The cooperation of its engineers to projects with internationally well known universities has allowed **Fisioline®** to become the first Italian company that manufactured high power pulsed lasers back in 1993, opening up a new horizon for this kind of devices.

Fisioline® keeps evolving from a technological standpoint with the new HIGH POWER SUPERPULSED LASERS (High Frequency Pulsed Laser) and the new C.P.S.® SYSTEM.

In 2004 **Fisioline®** laser devices obtained the FDA approval in the USA and in 2010 the Japan PMDA.



Striving for constant improvement has enabled **Fisioline®** to obtain certification for its Company Quality System in accordance with the UNI EN ISO 9001-2008 and UNI CEI EN 13485-2012 standards.



All electromedical equipment manufactured by **Fisioline®** comes with CE Medical certification, as required by the Directive 93/42/EEC, modified by the Directive 2007/47/EC on medical devices.



MADE IN ITALY

Modulo Medical 2-4



- 500 Preset programs.
- 100 User's programs each card.
- Current output >100mA.
- Stimulation is controlled in current (CC) and voltage (CV).
- Large graphic display.
- Plugged to the mains or with a battery.
- Size: 208 x 306 x 90 mm.

Modulo Medical 2 – 4 are **neuromuscular stimulators** offering the operator the possibility, through **SMART CARD** and **CABLE EQUIPMENT**, to configure the same device for various operating solutions: **electrostimulation** (innervated and denervated muscle); **electroanalgesia** (low and medium frequency); **urological stimulation**; **electrodiagnosis**; **high voltage electrotherapy**; **microcurrent electrotherapy**; **ultrasound connection for combined therapy**.

Modulo Medical 2 has two completely independent stimulation channels, electrically insulated from one another.

Modulo Medical 4 has four completely independent stimulation channels, electrically insulated from one another.

Possibility of using different protocols per channels. Each protocol can consist of a sequence of up to 5 phases. Each phase can use a different shape of wave with storage of each width.

Stimulation modality are managed through **SMART CARD**.

Available configurations:

- **REHAB CARD**

Stimulation and electrotherapy

- **DIAGNOSIS CARD**

I/T Curve

- **H.V. CARD**

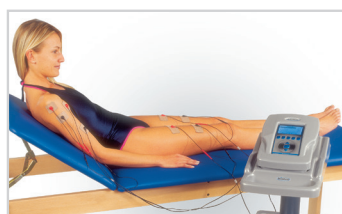
High Voltage electrotherapy - Single channel or two channels

- **ULTRASOUND CARD**

Connection for ultrasound appliances (combined therapy)

- **PROFESSIONAL SPORTS CARD**

- **MICROCURRENT CARD**



REHAB CARD



ULTRASOUND CARD



H.V. CARD

SMART CARDS

Device for ultrasound therapy in Class E.

Applicator in a Ø35 mm diameter with multifrequency ceramic piezoelectric disc 1/3MHz.
Operating mode: continuous and pulsed with duty-cycle ranging from 10% up to 90%.
Exclusive A.F.S. (Automatic Frequency Switching) device for the automatic frequency switching.

Entrance for the connection to the electrotherapy appliances (Modulo series).

Max power density: 3W/cm².

Contact control device, visual and acoustic.

40 preset programs.

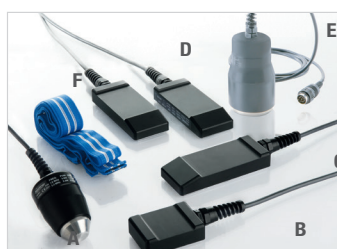
10 user's programs.

Display: backlit LCD.

Size: 208 x 306 x 90 mm.



CE 0051



Optional accessories:

- A - Multifrequency applicator Ø 21 mm.
- B - Rotary multidisc scanning multifrequency applicator (3 discs Ø 10 mm).
- C - Multidisc scanning multifrequency applicator (3 discs Ø 30 mm).
- D - Double multidisc scanning multifrequency applicator (6 discs Ø 30 mm).
- E - Multifrequency applicator Ø 55 mm.
- F - Elastic band.
- G - Mechanical arm.

Fisiosonic® Plus

Device for ultrasound therapy in Class E.

Applicator in a Ø55 mm diameter with multifrequency 1/3 MHz disc attached to the mechanical arm for automatic high power treatments.

Applicator in a Ø35 mm diameter with multifrequency 1/3 MHz disc for manual treatments.

Operating mode: continuous and pulsed with duty-cycle ranging from 10% up to 90%.

Exclusive A.F.S. (Automatic Frequency Switching) device for the automatic frequency switching.

Entrance for the connection to the electrotherapy appliances (Modulo series).

Max power density: 3W/cm².

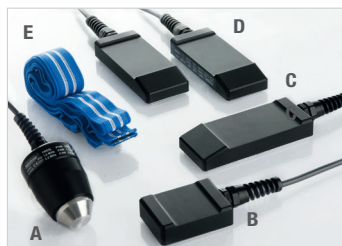
Contact control device, visual and acoustic.

40 preset programs.

10 user's programs.

Display: graphic LCD.

Size: 320 x 430 x 980 mm.



Combined therapy:

Ultrasound therapy and electrotherapy.

Optional accessories:

- A - Multifrequency applicator Ø 21 mm.
- B - Rotary multidisc scanning multifrequency applicator (3 discs Ø 10 mm).
- C - Multidisc scanning multifrequency applicator (3 discs Ø 30 mm).
- D - Double multidisc scanning multifrequency applicator (6 discs Ø 30 mm).
- E - Elastic band.



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O.P.A.F.® Therapy



O.P.A.F.® Therapy is a new device which produces high-frequency pressure waves exploiting an innovative output stage called Class E.

The high peak power of the generated waves allows to obtain an amplified mechanical effect with a greater energy to break up, for a high power focalized action in depth

O.P.A.F.® Therapy uses a new self-regulation system related to the impedance of the treated tissue, which enables the constant transmission of the transferred power.

The elevated mechanical efficiency consequently obtained translates into a great therapeutic efficiency.

O.P.A.F.® Therapy can be used both as an ultrasound in Class E and a disrupting wave.

The versatility of **O.P.A.F.® Therapy** offers the operator the possibility to work on several pathologies: calcifications, muscular lesions, tendonitis, epicondylitis, plantar fasciitis, shoulder calcific tendinopathy, articular rigidity, calcaneal spur.

O.P.A.F.® Therapy measures the patient's tissue impedance and, together with the **Energy Power Bar**, monitors and real-time displays the energy transferred to the tissues.

The device is also equipped with a protection system that detects the contact of the applicator on the skin, for safe and problem-free procedures.

O.P.A.F.® Therapy is a compact instrument, light and easily transportable, that offers extraordinary performances able to satisfy every demand of treatment



Maximum output power density: 5W/cm²

Average output power density: 3W/cm²

Preset therapeutic programs

Wide color touch-screen display

Tutorials – Audio-visual aids

Triple action:

- **Mechanical effect**
- **Cavitation**
- **Diathermy**



APPLICATOR FOR O.P.A.F.® THERAPY 1-3 MHz

FisioLine Radiant® 200-300-400

Three models of radiofrequency diathermy devices with capacitive and resistive energetic transfer, using the antalgic, trophic and mechanical properties of radiofrequency energies.

The devices use an innovative output stage in **Class E** that provides high emission frequencies without any loss of power.

FisioLine Radiant® 200-300-400 are supplied with an **electronic meter** that measures the patient's tissue impedance and, together with the **Energy Power Bar**, monitors and real-time displays the energy transferred to the tissues.

A very salient feature is the **Wizard**, a setup assistant that leads the user through a series of well-defined steps.

Therapeutic protocols realized in cooperation with the **SPORTS MEDICINE INSTITUTE of Turin**.

Equipment Class I type BF

7 emission frequencies: from 448 kHz up to 1MHz

Operating modes: continuous, pulsed and fractional

Output channels: number 3 (1 capacitive, 1 resistive and 1 multipolar)

Wide 7" color touch-screen display

Tutorials – Audio-visual aids

Size: 320 x 430 x 980 mm.



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Capacitive method power:

FisioLine Radiant® 200: **200W** (on charge of 500Ω)

FisioLine Radiant® 300: **300W** (on charge of 250Ω)

FisioLine Radiant® 400: **400W** (on charge of 250Ω)

Resistive method power:

FisioLine Radiant® 200: **200W** (on charge of 100Ω)

FisioLine Radiant® 300: **300W** (on charge of 50Ω)

FisioLine Radiant® 400: **400W** (on charge of 50Ω)



HANDPIECE WITH CAPACITIVE RADIAL DISCS



HANDPIECE WITH RESISTIVE RADIAL DISCS



RESISTIVE BIPOLAR HANDPIECE



RESISTIVE BIPOLAR CIRCULAR HANDPIECE



CAPACITIVE SCANNING APPLICATORS

FisioLine Radiant® Mobile



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Portable Model with **200W** of power with practical carrying case.

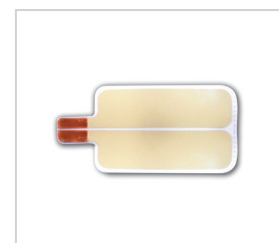
Size: 350 x 265 x 150 mm.



RESISTIVE SCANNING APPLICATORS



AUTOMATIC MULTIPOLAR CAPACITIVE APPLICATOR



AUTOMATIC MULTIPOLAR RESISTIVE APPLICATOR

C.P.S.® LASER SYSTEM

Continuous, Pulsed and Superpulsed Laser

High power multidiode and multi-wavelength laser with C.P.S.® (Continuous, Pulsed and Superpulsed) emission.

Laser source: Class 4.

Available wavelengths: 650-810-910-980-1064 nm.

LASER RED GUIDE LIGHT for the real visualization of the treated area.

Operating mode: continuous, pulsed, superpulsed and C.P.S.® mode

Handpiece with interchangeable optics : therapeutic terminal with focal regulation from 0,5 to 5cm² (Ø from 8 up to 25mm).

Peak Power: 45W.

Average power: from 5W up to 31W.

Frequency: 0-100,000 Hz.

Energy calculation according to the preset parameters.

Optical sensor for laser emission test.

Large database of preset therapeutic protocols.

Tutorials – Audio-visual aids.

Wide 4,3" TFT color touch screen display.

Upgradable via USB port.

Size: 210 x 300 x 160 mm.



Optional accessories:

- Dinamico Trolley
- Carrying case
- Therapeutic terminal with spacers



AVAILABLE VERSIONS

CODE	MODEL	C.P.S. POWER		PW INFRARED	CW INFRARED			CW RED 130 mW
		AVERAGE POWER	PEAK POWER	910nm	810nm	980nm	1064nm Solid YAG	650nm
LCPS5	LUMIX® C.P.S.®	5 Watt	45 Watt	•	•		•	•
LCPS6	LUMIX® C.P.S.®	6 Watt	45 Watt	•	•		•	•
LCPS701	LUMIX® C.P.S.®	7 Watt	45 Watt	•	•	•		•
LCPS702	LUMIX® C.P.S.®	7 Watt	45 Watt	•	•			•
LCPS901	LUMIX® C.P.S.®	9 Watt	45 Watt	•		•		•
LCPS902	LUMIX® C.P.S.®	9 Watt	45 Watt	•			•	•
LCPS12	LUMIX® C.P.S.®	12 Watt	45 Watt	•			•	•
LCPS1501	LUMIX® C.P.S.®	15 Watt	45 Watt	•	•	•		•
LCPS1502	LUMIX® C.P.S.®	15 Watt	45 Watt	•	•		•	•
LCPS17	LUMIX® C.P.S.®	17 Watt	45 Watt	•			•	•
LCPS31	LUMIX® C.P.S.®	31 Watt	45 Watt	•			•	•

CONTINUOUS LASER

Continuous high power and multi-wavelength

(red and infrared) laser with transmission in optical fiber.

Laser source: Laser Class 4.

Available wavelengths: 650-810-980-1064 nm.

LASER RED GUIDE LIGHT for the real visualization of the treated area.

Handpiece with interchangeable optics: Therapeutic terminal with focal regulation from 0,5 to 5cm² (Ø from 8 up to 25mm).

Operating mode: continuous, frequenced and burst mode.

Frequency: 0-100,000 Hz.

Burst mode (system for controlling the thermal effect): 10 – 100%.

Duty-cycle: 50% (CW).

Optical sensor for laser emission test.

Energy calculation according to the preset parameters.

Large database of preset therapeutic protocols.

Tutorials – Audio-visual aids.

Wide 4,3" TFT color touch screen display.

Upgradable via USB port.

Size: 210 x 300 x 160 mm.



Optional accessories:

- Dinamico Trolley
- Carrying case
- Therapeutic terminal with spacers



Optional

AVAILABLE VERSIONS

CODE	MODEL	POWER	CW INFRARED			CW RED 130 mW
			810nm	980nm	1064nm Solid YAG	650nm
LCW5	LUMIX® CW	5 Watt	•		•	•
LCW601	LUMIX® CW	6 Watt	•	•		•
LCW602	LUMIX® CW	6 Watt	•			•
LCW801	LUMIX® CW	8 Watt		•		•
LCW802	LUMIX® CW	8 Watt			•	•
LCW11	LUMIX® CW	11 Watt			•	•
LCW1401	LUMIX® CW	14 Watt	•	•		•
LCW1402	LUMIX® CW	14 Watt	•		•	•
LCW16	LUMIX® CW	16 Watt			•	•
LCW30	LUMIX® CW	30 Watt			•	•

Lumix® plus - Lumix® ultra

C.P.S.® LASER SYSTEM

Continuous, Pulsed and Superpulsed Laser

High power multidiode and multi-wavelength laser with C.P.S.® (Continuous, Pulsed and Superpulsed) emission.

Laser source: Laser Class 4.

Available wavelengths: 650-810-910-980-1064 nm.

LASER RED GUIDE LIGHT for the real visualization of the treated area.

Operating modes: continuous, pulsed, superpulsed, C.P.S.®

Beam diameter: about 20mm

Spacers according to the treated area (diameter 30 and 60mm)

Frequency: 0-100,000 Hz.

Energy calculation according to the preset parameters.

Optical sensor for laser emission test.

Large database of preset therapeutic protocols.

Tutorials – Audio-visual aids.

Wide 7" TFT color touch screen display.

Upgradable via USB port

Size: 320 x 430 x 980 mm.



MECHANICAL ARM FOR AUTOMATIC TREATMENTS WITH LUMIX® PLUS-ULTRA



SPACERS DIAMETER 30 AND 60 mm

AVAILABLE VERSIONS

CODE	MODEL	POWER C.P.S.		PW INFRARED	CW INFRARED			CW RED 130 mW
		AVERAGE POWER	PEAK POWER	910nm	810nm	980nm	1064nm Solid YAG	650nm
LUMIX PLUS								
LPLUS1001	LUMIX® Plus	10 Watt	100 Watt	•			•	•
LPLUS1002	LUMIX® Plus	10 Watt	100 Watt	•		•		•
LPLUS13	LUMIX® Plus	13 Watt	100 Watt	•			•	•
LPLUS1601	LUMIX® Plus	16 Watt	100 Watt	•	•		•	•
LPLUS1602	LUMIX® Plus	16 Watt	100 Watt	•	•	•		•
LUMIX ULTRA								
LULTRA1901	LUMIX® Ultra	19 Watt	250 Watt	•	•		•	•
LULTRA1902	LUMIX® Ultra	19 Watt	250 Watt	•	•	•		•
LULTRA21	LUMIX® Ultra	21 Watt	250 Watt	•			•	•
LULTRA35	LUMIX® Ultra	35 Watt	250 Watt	•			•	•

Lumix® 100 - Lumix® 250

H.F.P.L.® HIGH FREQUENCY POWER LASER

High power pulsed-superpulsed laser.

Optical unit with transmission source in optical fiber that can be used manually or automatically.

Wavelength of 904±910 nm (infrared).

Varying frequency from 1 to 100 KHz.

Conic laser beam (about 15 degrees) with possibility to treat in a uniform way circular surfaces with varying diameter from about 20 to over 200 nm.

Energy calculation according to the preset parameters.

Optical sensor for laser emission test.

Large database of preset therapeutic protocols.

Tutorials – Audio-visual aids.

Wide 7" TFT color touch screen display.

Upgradable via USB port.

Size: 320 x 430 x 980 mm.

AVAILABLE MODELS:

LUMIX® 100

Peak power: 100 W

Average power: 2 W

Laser source: IR Class 4

LUMIX® 250

Peak power (output): 250 W

Average power (at the source): 5 W

Laser source: IR Class 4



MECHANICAL ARM FOR
AUTOMATIC TREATMENTS
WITH LUMIX® 100-250



Lumix® 2



HIGH FREQUENCY POWER LASER

Pulsed-Superpulsed high power laser.

Double wavelength (red and infrared) with transmission in optical fiber.

Laser source: Laser Class 3B.

Available wavelengths: 650-910 nm.

Laser red guide light for the real visualization of the treated area.

Beam diameter varying from 8 to 30 mm.

Peak Power: 45W.

Average power: 0,5W.

Frequency: 0-100,000 Hz.

Optical sensor for laser emission test.

Energy calculation according to the preset parameters.

Therapeutic terminal with spacers.

Large database of preset therapeutic protocols.

Tutorials – Audio-visual aids.

Wide 4,3" TFT color touch screen display.

Upgradable via USB port.

Size: 210 x 300 x 160 mm.



AVAILABLE VERSION WITH COLOR DISPLAY AND KEYBOARD

Optional accessories:

- Dinamico trolley
- Carrying case

Fisiofield Middle



Instrument for magnetotherapy with 3 completely independent outputs.

Two wave forms: **square and sinusoidal.**

50 preset programs.

20 user's programs.

LCD display.

Intensity of the magnetic field: 0 - 100 Gauss.

Emission Frequency: 5-100Hz and 100-1000Hz (square wave)

Low and Medium frequency: 1-100Hz (sinusoidal wave) E.L.F.

Pairs of contact applicator \varnothing 13 cm.

Size: 208 x 306 x 130 mm.

Optional accessories:

- Therapy bed + 1 solenoid \varnothing 60 cm.
- Additional solenoid \varnothing 60 cm for bed.
- Portable solenoid for limbs \varnothing 30 cm.
- Pair of contact applicators \varnothing 9 cm or \varnothing 13 cm.
- Trolley.
- Carrying case.



Fisiofield Maxi



Instrument for magnetotherapy with 4 completely independent outputs.

Two wave forms: **square and sinusoidal.**

50 preset programs.

20 user's programs.

Wide LCD display.

Intensity of the magnetic field: 0 - 100 Gauss.

Emission Frequency: 5-100Hz and 100-1000Hz (square wave)

Low and medium frequency: 1-100Hz (sinusoidal wave) E.L.F.

Therapy bed + 1 solenoid \varnothing 60 cm.

Size: 320 x 430 x 980 mm.

Optional accessories:

- Additional solenoid \varnothing 60 cm for bed.
- Therapy bed + 1 solenoid \varnothing 60 cm.
- Therapy bed + 2 solenoids \varnothing 60 cm.
- Portable solenoid for limbs \varnothing 30 cm.
- Pair of contact applicators \varnothing 9 cm or \varnothing 13 cm.



Linfopress Studio

Device for peristaltic differentiated-sector pressure therapy.

6 different sectors.

Pressure regulation: from 0 to 160 mmHg

differentiated for each sector.

Automatic sleeve emptying.

Supplied pressure: max. 3 Atm.

Display: graphic backlit LCD.

Timing: ranging 1 to 180 min.

Size: 208 x 306 x 130 mm.



CE 0051

Available accessories:

- 6-sector leg strap/s
- 6-sector arm strap/s
- 6-outlet duplication set
- Two-sector abdominal strap
- Duplication set for two-sector abdominal strap

Linfopress Master

Equipment for peristaltic differentiated-sector pressure therapy.

Programs:

- 80 adjustable programs designed by the manufacturer divided into two categories "lower limbs" and "upper limbs".
- 20 user's adjustable and sequence recordable programs.

8 separate sectors.

Separate adjustment of the working size.

Adjustable pressure: from 0 to 200 mmHg.

Pressure at output: Max 3,5 Atm.

Size: 370 x 440 x 130 mm.

STANDARD equipment to choose from:

"PROFESSIONAL" range – Blue

LOWER LIMB SET:

- Pair of 6-sector leg straps with adjustable foot
- Two-sector abdominal strap
- 6-outlet duplication set

"PRATICO" range - Grey

LOWER LIMB SET:

- Pair of 6-sector leg strap with foot
- Two-sector abdominal strap
- 6-outlet duplication set

Optional applicators and accessories:

Serie "PROFESSIONAL" - Colore Blu

- 8-sector arm strap (right/left)
- Pair of 8-sector arm straps
- 8-outlet duplication set
- Bed cover with side pockets to store the applicators.

"PRATICO" range - Grey

- 8-sector arm strap
- Pair of 8-sector arm straps
- 8-outlet duplication set
- TRIO trolley



CE 0051

Fisiofield Mini

Portable instrument for magnetotherapy with 2 outputs.

It can be used at the patient's or in an ambulatory.
Square wave.

- Magnetic field's intensity: 0-100 GAUSS for each applicator.
- Emission frequency: 1-100Hz.
- Pair of contact applicators Ø 9 cm.
- Carrying bag device

Generator size: 220 x 156 x 100 mm.



Optional accessories:

- Additional pair of applicators Ø 9 cm.
- Pair of contact applicators Ø 13 cm.



CE 0476

Winner®

Battery **neuromuscular stimulator** with power supply.

4 independent stimulation channels.

Output stage: current controlled.

Wave shape: rectangular two-phase symmetrically compensated wave.

Pulse duration: adjustable from 50µs to 500µs.

Pulse frequency: selectable from 1Hz to 200 Hz.

Output current: up to 120 mA.

Graphic display.

Size: 170 x 100 x 40 mm.



CE 0051

Stimulation equalizer

Possibility of using two different programs on two groups of channels (function 2 + 2).

More than 600 preset programs subdivided in SPORT, REHAB, TENS, FITNESS, RELAX, BEAUTY, VASCULAR and URO.

100 free memories to set personalized programs.

Each program can correspond to a sequence of as many as 5 phases, each one with different parameters.

Linfopress Easy

Device for sequential pressure therapy.

4 different sectors.

Overlapped sector inflating system.

Automatic sleeve emptying

Pressure regulation from 0 to 160 mmHg.

Supplied pressure: max 3 Atm.

Size: 208 x 306 x 130 mm.



CE 0051

Available accessories:

- 4-sector leg strap/s
- 4-sector arm strap/s
- 4-outlet duplication set
- 2-sector abdominal strap
- Duplication set for abdominal strap

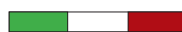


Fisioline® is present in over 18 countries, including: Italy, Spain, France, Cyprus, Croatia, Slovenia, Estonia, Bulgaria, Iran, Egypt, Morocco, UAE, Oman, Vietnam, USA, Ecuador, Japan, Costa Rica, Saudi Arabia.



Fisioline® srl

Borgata Molino, 29 • 12060 VERDUNO (CN) • ITALY
Tel.: +39.0172.470432-0172.470433 • Fax.:+39.0172.470891
<http://www.fisioline.com> • e-mail: fisioline@fisioline.com



MADE IN ITALY

