



radiofrequency

fisioline RADIANT[®]



FISIOLINE
RADIANT®

NEW ENERGY
IN REHABILITATION



HANDPIECE WITH CAPACITIVE
CIRCULAR RADIAL DISCS



HANDPIECE WITH RESISTIVE
RADIAL DISCS



OPTIONAL BIPOLAR HANDPIECE



BACKLIT GRAPHIC DISPLAY



ERGONOMIC KNOB



ERGONOMIC TROLLEY

CE 0051

In the physiotherapeutic field, a modern approach to treatment and to the cure of a number of pathologies affecting the locomotor system requires an intelligent combination of therapeutic exercise and manual and instrumental techniques.

Among these, with the ever-increasing demand by patients to be treated "fast and well", it has become fundamental that the rehabilitators equip themselves with an instrument that harnesses a form of physical energy that is safe, versatile and that can work simultaneously as both a symptomatic and a base therapy. It is in this context that **Fisioline Radiant**® an innovative piece of equipment designed for therapy and diathermy, with **capacitive** and **resistive** energetic transfer via radiofrequency, is utilised.

The biological actions and many different therapeutic effects correlated with this type of endogenous thermotherapy are already well-known and have been studied.

The different ways of capacitive and resistive heat generation and transmission with respect to the typology of the tissue targeted and the therapeutic goals to achieve permits the therapist to work, harnessing well the analgesic, trophic and mechanical properties of controlled administration of heat in the various phases that accompany the trauma up until the complete restoration of anatomic and functional normality.

Fisioline Radiant®'s dual polarity, triple emission frequency, with its high power, make it an instrument that should be included in the range of tools available to professionals today who work in the fields of orthopedic rehabilitation, traumatology and Sports Medicine.

Its modern, ergonomic design and the particular insulation of the handpieces allow the user to work safely and serenely to obtain rapid and long-lasting results.

Safety played a fundamental role in the design of **Fisioline Radiant**® : in addition to the electronic devices it is equipped with, it also has a full, high brightness graphic display that allows the user to view the operational parameters at all times and to verify that the equipment is working correctly.

The results attainable with **Fisioline Radiant**® allow rehabilitation professionals to absorb their initial investment costs rapidly and problem-free.

technical features

- MODEL: FISIOLINE RADIANT®
- COMMERCIAL CLASSIFICATION: instrument for diathermy via radiofrequency with capacitive and resistive energetic transfer
- TECHNICAL CLASSIFICATION: electromedical instrument Class I, type BF
- MEDICAL DEVICE CLASS: class IIb (Dir. 93/42/EEC)
- EMISSION FREQUENCY: from 500 up to 700 kHz
- OUTPUT CHANNELS: number 2 (1 capacitive, 1 resistive)
- RESISTIVE METHOD POWER: 100W (on charge of 100Ω)
- CAPACITIVE METHOD POWER: 100W (on charge of 100Ω)
- NO-LOAD PEAK-PEAK VOLTAGE: MAX 850V
- MICROPROCESSOR MANAGEMENT
- BACKLIT GRAPHICAL DISPLAY 240x128 pixel
- TIMER: varying 1 to 99 minutes
- POWER SUPPLY VOLTAGE: ~230V single phase (~115V upon request)
- LINE FREQUENCY: 50-60 Hz
- ABSORBED POWER: 350VA
- SIZE: 320x430x980 mm
- WEIGHT: 30 Kg

standard accessories

- N°1 Resistive handpiece
- N°1 Capacitive handpiece
- N°3 Resistive circular radiant discs, Ø: 35 – 60 – 85 mm.
- N°3 Capacitive circular radiant discs, Ø: 25 – 30 – 60 mm.
- N°1 reference electrode 120x150mm.
- N°1 reference electrode 150x200mm

optional accessories

- N° 1 Resistive Bipolar sphere handpiece for facial treatments and restrictive areas.

reference standards

- EN 60601-1, (IEC 60601-1) – CEI EN 60601-2-2, (IEC 60601-2-2)
 - EN 60601-1-2 (IEC 601-1-2), EN 60601-1-4 (IEC 601-1-4)
- CE Marking: this unit fully complies with specifications given by the European Community under 93/42/EEC directive and its further modifications and 89/336/EEC.

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RADIANT®

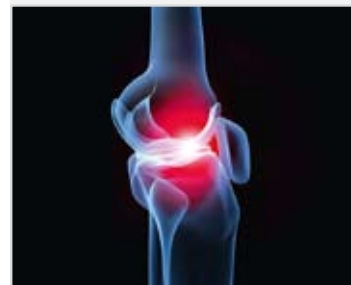
SPECIFIC FOR:



TRAUMATOLOGY



SPORTS MEDICINE



INFLAMMATORY PATHOLOGIES



SKELETAL MUSCULAR PAIN



AESTHETIC MEDICINE



FISIOLINE® instruments are covered by FONDIARIA-SAI product liability insurance.



Fisioline® srl

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