



FISIO WAVE

MICROWAVE DIATHERMY
RADAR THERAPY



Fisiowave is a new-generation device for **microwave therapy**. Radar therapy belongs to the diathermy devices range and uses the electromagnetic waves of the microwaves frequency band, which generate **in the treated tissues a heat that is deeply transmitted**. The heat produced by microwave diathermy **increases blood flow** and **speeds up metabolism**.

Fisiowave is equipped with a **powerful self-protecting generator** (magnetron) with automatic regulation, with pulsed and continuous emission for thermal and athermal treatments, allowing to obtain a peak power of 1600 W and an average power equal to 250W.

The **high peak power** of **Fisiowave** allows the administration of considerable energy in depth, for **quick and efficient treatments** in full safety. **Fisiowave** is equipped with different **safety systems** to protect both patient and operator.



Indications:

MUSCULAR CONTRACTURES
LUMBOSCIATIC PAINS
CERVICAL PAINS
ARTHRISIS
POST-TRAUMATIC PAINS
TENDINITIS

Main effects:

PAIN REDUCTION
JOINT STIFFNESS REDUCTION
EDEMA REDUCTION
INFLAMMATION REDUCTION
BLOOD FLOW INCREASE
DECONTRACTING

Articulated arm for various treatment positions

Fisiowave has been carefully designed, with particular care to the functionality of the articulated arm, which allows for a full range of movement and easily supports any type of antenna supplied with the equipment.

THE PLUS

- VARIOUS TYPES OF ANTENNAS
- ARTICULATED MECHANICAL ARM
- PEAK POWER OF 1600W
- AVERAGE POWER: 250W
- CONTINUOUS AND PULSED EMISSION
- AUTOMATIC CONTROL OF MAGNETRON TEMPERATURE
- EASILY INTERCHANGEABLE ANTENNAS



CIRCULAR ANTENNA
LOCALIZED FIELD



THREE-DIMENSIONAL ANTENNA
ENCIRCLING FIELD



RECTANGULAR ANTENNA
LONG FIELD

Wizard and the library of pathologies

A unique feature of **Fisiowave** is the **Wizard**, a step-by-step digital guide to use the device. Thanks to an intuitive software, the Wizard leads the Doctor and the Physiotherapist in selecting **therapeutic preset protocols** dedicated to the various pathologies both acute and chronic. Thanks to the Wizard the operator can **select, modify and keep always under control the functions and the operative parameters**.

Fisiowave provides the operator the option to create personalized programs designed for the patient and indicated for the specific pathologies and areas to be treated for **focused, rapid and efficient treatments**.

Interactive technology

The interface of **Fisiowave** displays the parameters on a **large color Touch Screen 7"** display to remotely read and give the operator the possibility to control of the correct technology performance.



PRESET PROTOCOLS

- ARTHROSIS
- DISTORTION
- CONTRACTURE
- LUMBAGO

SELECTION FREE PROTOCOL

- TYPE OF ANTENNA
- POWER
- DUTY CYCLE
- DURATION

RAPID RESEARCH WITH THE INNER FINDER

- PATHOLOGY
- AREA
- N. PROGRAM

CREATION OF PERSONALIZED PROGRAMS

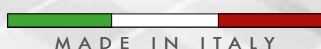
- SAVING DATA
- MORE THAN 100 FREE STORAGE LOCATIONS
- UP TO 4 PHASES

TECHNICAL FEATURES

- MODEL: Fisiowave
- COMMERCIAL CLASSIFICATION: device for microwave therapy
- TECHNICAL CLASSIFICATION: class I type B electro-medical equipment
- MEDICAL DEVICE CLASS: IIb (Dir. 93/42/EEC, modified by the Dir. 2007/47/EC)
- CONTINUOUS AND PULSED EMISSION: from 10 to 90%
- EMISSION FREQUENCY: 2450 MHz
- LINEAR ADJUSTABLE POWER: from 0 to 250W
- PEAK POWER: 1600W
- AUTOMATIC TEMPERATURE CONTROL magnetron with stop emission for overheating
- DETACHABLE ANTENNA CABLE
- LARGE DATABASE OF PRESET PROTOCOLS for the main pathologies
- USER PROTOCOLS
- WIZARD and INNER FINDER
- UPGRADABLE VIA USB PORT
- 7" TFT COLOR TOUCH SCREEN DISPLAY
- TIMER: adjustable from 1 to 30 min.
- ACOUSTIC AND VISUAL SIGNAL at the end of treatment
- ENERGY CALCULATION according to the preset parameters
- POWER SUPPLY VOLTAGE: 230V (115V upon request)
- LINE FREQUENCY: 50-60Hz
- ABSORBED POWER: 600VA
- DIMENSIONS: 320x430x980 mm
- WEIGHT: 38 Kg
- STANDARD ACCESSORIES:
 - N°1 circular radiant antenna Ø 17 cm
 - N°1 mechanical arm of support
 - N°1 antenna cable
 - N°1 test lamp
- OPTIONAL ACCESSORIES:
 - Rectangular radiant antenna
 - Three-dimensional radiant antenna
 - Protective goggles
- **CE** Mark: the devices comply with the requirements specified in the Directive 93/42/EEC, modified by the Directive 2007/47/EC.



FISIOLINE® equipment is insured for manufacturer's product liability with UNIPOLSAI.



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