



# FISIOWAVE

---

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
- ARTHROSIS
- POST-TRAUMATIC PAINS
- TENDINITIS

**Main effects:**

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

**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

**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.



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
- .....
- .....
- .....
- .....
- .....
- ▼ LUMBAGO

**SELECTION FREE PROTOCOL**

- ▲ TYPE OF ANTENNA
- .....
- .....
- .....
- .....
- .....
- ▼ DURATION


**RAPID RESEARCH WITH THE INNER FINDER**

- 1 PATHOLOGY
- .....
- 2 AREA
- .....
- 3 N. PROGRAM
- .....

**CREATION OF PERSONALIZED PROGRAMS**

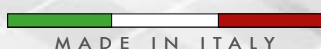
- SAVING DATA
- .....
- MORE THAN 100 FREE STORAGE LOCATIONS
- .....
- UP TO 4 PHASES
- .....

## 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
-  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.



### Fisioline® srl

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

