RADAR THERAPY

RADARMED 2500 CP



EME® ITALY physio

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RADARMED 2500 CP

Advanced Technology for Deep Thermal Therapy

The system uses microwave diathermy, a form of therapy based on electromagnetic radiation that induces heat within biological tissues to stimulate circulation and healing. This technology allows deep heating, with therapeutic pain-relieving, anti-inflammatory and regenerative effects.

MAIN FEATURES

- **Output power** up to 250 W
- **5.7" touch-screen display** for simple, intuitive operation
- **Three-joint articulated arm** for precise and versatile antenna positioning
- **Pre-set therapy programs** with full customization options
- **Dedicated applicators** designed for different body areas
- **Mobile trolley system** for easy transport and convenient use in clinics or studios

THERAPEUTIC BENEFITS

- Increases blood flow and tissue oxygenation
- Reduces pain and muscle tension
- Enhances microcirculation and local metabolism
- Promotes faster recovery from muscle and joint injuries
- Non-invasive and pain-free treatment

THERAPEUTIC APPLICATIONS

- Muscle and tendon injuries
- Osteoarthritis and arthritis
- Neck and back pain
- Joint and muscle inflammation
- Post-traumatic rehabilitation

THE ADVANTAGES FOR PROFESSIONALS

- Anatomical precision thanks to the articulated arm
- Thermal and Athermal Treatments
- Possibility of performing long-term treatments
- Completely autonomous therapy and operator-independent



INCLUDED ACCESSORIES

CIRCULAR ANTENNA



OPTIONAL ACCESSORIES

RECTANGULAR ANTENNA



3D ANTENNA



TECHNICAL FEATURES		
Mains power supply		230 Vac, 50-60 Hz, ±10%
Maximum power consumption from the mains		600 VA
Double delayed-action mains protection fuse (T)	**230 Vac**	6.3 A-T 5 x 20 mm
Backlit LCD display, for viewing and controlling operating parameters		5.7” color graphic display, 320 x 240 pixels, touch screen + encoder
Programmable treatment time		up to 30 minutes
Emission frequency		2450 MHz
Device class according to Directive 93/42/EEC		II B
Electrical insulation class / applied parts according to standard UNI EN 60601-1		I / BF
Degree of protection against ingress of liquids according to standard UNI EN 60601-1		IPX0
Operation		**Continuous** 100% **Pulsed** 10% ÷ 90%
Continuous peak power on 50 Ohm adapted load		250 W
Pulsed peak power on 50 Ohm adapted load		1600 W
Protocols storable in internal memory		200
Patient records storable in internal memory		200
External container dimensions (W x D x H)		**39 x 89 x 30 cm** with arm and antenna disassembled, **65 x 172 x 31 cm** with arm and antenna assembled
Weight of the device		**34.2 Kg** with arm and antenna disassembled **38.7 Kg** with arm and antenna assembled
Operating Conditions	**Ambient Temperature**	(+10 ÷40)°C
	Relative Humidity	(10 ÷ 80) % non-condensing
Storage/Transport Conditions	**Ambient Temperature**	(-40 ÷ +70) °C
	Relative Humidity	(10 ÷ 100) % non-condensing
	Atmospheric Pressure	(500 ÷ 1060) hPa

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