



ACC191-AC Circular antenna



ACC234-A3D Three dimensional Antenna



ACC234-AR Rectangular antenna

The reduction in pain is caused presumably by two main components:

- Indirect antalgic action, secondary to the action on algogenic components (muscular spasms and hypoxia);
- Direct antalgic action: the most commonly accepted explanation for this action is based on the presumed "counter irritating" effect of heat according to the gate control theory of Melzack and Wall.

However, on the hypothesis of the counter irritating effect two partially contradictory factors must be considered: the effect of the thermal increase on nervous conduction and the role of thermoreceptors.

On the first aspect, the increase in temperature determines a proportional increase, obviously within certain limits, in the nerve trunk conduction velocity.

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RADARMED 2500 CP



**RADARMED
2500 CP
RT1341**



– RADARMED 2500 CP: THE MICROWAVE DIATHERMY

- New Medical Italia design
- Easy to use: friendly user interface
- New orthostatic arm realized with aluminum alloy and preloaded joints without manual adjustment
- 100 therapeutic suggestions
- Possible connection of the three-dimensional antenna (A3D model) for applications on the shoulder, neck, spine. The rectangular antenna (AR model) can be connected too, for applications on large areas such as upper and lower limbs, cervical area, spine.
- New system for fast antenna connection
- Multilanguage software
- Pulsed and continuous emission mode
- Smart Card

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Microwave therapy belongs to the family of thermotherapies. By means of electro-magnetic waves, heat is conveyed deep within tissues.

Therapeutic effects of radartherapy are: muscular heating, analgesic and trophic effect. Microwave therapy is indicated in case of muscular contractions, osteoarthritis, posttraumatic pain, tendinitis, etc.

– THERAPEUTIC ACTIONS

- Pain reduction
- Improvement of collagen extensibility
- Reduction in joint rigidity
- Oedema and inflammatory exudates reduction
- Increase in the haematic flux

SUPPLIED ACCESSORIES

	RADARMED 2500 CP
Power cable	1
User Manual in DVD	1
Fuses	2 da 6,3 A-T
Orthostatic pantograph arm	1
High frequency output cable	1
Circular antenna AC (ACC191)	1
Smart Card	1

Optional accessories → pg.59 Technical specifications → pg.72

ELECTROTHERAPY



OPTIONAL ACCESSORIES

		ELEKTRA	THERAPIC 7200-9200-9400	THERAPIC 2000
ACC400/1	Conductive rubber electrode, 80 x 120 mm	●	●	●
ACC403	Conductive rubber electrode, 60 x 85 mm	●	●	●
ACC402	Conductive rubber electrode, 50 x 50 mm	●	●	●
ACC401	Sponge electrode cover, 80 x 120 mm	●	●	●
ACC003	Sponge electrode cover, 60 x 85 mm	●	●	●
ACC001	Sponge electrode cover, 50 x 50 mm	●	●	●
ACC28	Stretch bandage, 1000 x 50 mm	●	●	●
ACC27	Stretch bandage, 600 x 50 mm	●	●	●
ACC051	Probe for manual stimulation	●	●	●
ACC430	Self-adhesive electrodes, 45 x 35 mm (4 pcs.)	●	●	●
ACC432	Self-adhesive electrodes, 45 x 80 mm (4 pcs.)	●	●	●
ACC431	Self-adhesive electrodes, 46 x 47 (4 pcs.)	●	●	●
ACC433	Self-adhesive electrodes, 45 x 98 (4 pcs.)	●	●	●
ACC436	Self-adhesive round electrodes, ø 32 mm (4 pcs.)	●	●	●
ACC435	Self-adhesive round electrodes, ø 50 mm (4 pcs.)	●	●	●
ACC434	Self-adhesive round electrodes, ø 75 mm (4 pcs.)	●	●	●
ACC231	Kit of galvanic basins	●	●	●
ACC624	Link cable for combined use of electrotherapy / ultrasound	●	●	●
ACC603/8	2-channel electrotherapy output cable	●	●	●
ACC603/9	4-channel electrotherapy output cable		(THERAPIC 9400)	
ACC606	Pack of 10 patient smart cards		●	
ACC601	Uro-gynaecology kit	●	●	●
CONT72	Transport bag in tnt fabric	●	●	●
ACC604	3-shelf trolley	●	●	●
ACC1317/2/E	USB key	●		

RADAR THERAPY



OPTIONAL ACCESSORIES

		RADARMED	RT 250 DIGITAL
ART22433	Orthostatic arm	●	●
ACC616	High-frequency radar cable	●	●
ACC191	Ac round antenna	●	●
ACC235	A3D - 3-dimensional antenna	●	●
ACC234	AR - rectangular antenna	●	●
ACC606	Pack of 10 patient smart cards	●	

RADAR THERAPY TECHNICAL SPECIFICATIONS

MODELS	RADARMED 2500 CP	RT 250 DIGITAL
Power supply	230 Vca, 50-60 Hz ± 10%	230 Vca, 50-60 Hz ± 10%
Maximum main power absorption	650 VA	650 VA
Double delay type (T) mains	6.3 A-T	6.3 A-T
Backlit LCD display to view and check the operating parameters	Graphic colour 320x240 Pixel Touch & Scrool	Graphic bw 240x128 Pixel
Adjustable treatment time	1-30 minutes	1-30 minutes
Pulsed peak power on 50 Ohm load	1600 W	1600 W
Continuous peak power on 50 Ohm load	250 W	250 W
Isolation class	I BF Type	I BF Type
Risk class (93/42/CEE)	IIB	IIB
Degree of protection from liquids	IPX0	IPX0
Stored protocols	100	50
Storable procotols on the Smart Card	200	
Storable programs on the internal memory	200	50
Alarm in case of overheating	•	•
Diagnostic test to check the unit function	•	
Low noise fans	•	
Weight	40 Kg	40 Kg
Size	39 x 89 x 30 cm	39 x 89 x 30 cm