



# ULTRASONIC 1300-1500

Manuale d'uso | User's manual | Mode d'emploi  
Gebrauchsanleitungen | Manual de instrucciones  
Руководство по эксплуатации



## TECHNICAL FEATURES

Main voltage:		230 Vac, 50-60Hz, ±10%
Max. Power absorption:	<b>ULTRASONIC 1500</b>	65 VA
	<b>ULTRASONIC 1300</b>	
Double fuse protection (T):	<b>ULTRASONIC 1500</b>	2 A - T - 5 x 20 mm for alimentation a 230Vac
	<b>ULTRASONIC 1300</b>	
Backlit LCD Display, to visualise and control operating parameters		Color graphic 320 x 240 pixel touch screen + encoder
Programmable treatment time		Up to 30 minutes
Class of isolation/parts applied according to the rule EN 60601-1		I / BF
Classification in compliance with the directive 93/42/CEE		II B
Protection grade from the access of liquids according to the regulation UNI EN 60601-1		IPX0
Emission frequency	<b>ULTRASONIC 1500</b>	1 MHz and 3 MHz ± 15%
	<b>ULTRASONIC 1300</b>	
Duty Cycle adjustable		( 10 – 100 ) %
Duty Cycle of frequency adjustable		( 10 – 100 ) Hz
Continuos peak power		2 W/cm <sup>2</sup> ± 20%
Pulsed peak power		3 W/cm <sup>2</sup> ± 20%
Effective radiating area (ERA) TV1		1 cm <sup>2</sup>
Effective radiating area (ERA) TV3		3 cm <sup>2</sup>
Effective radiating area (ERA) TV5		5 cm <sup>2</sup>
Effective radiating area te (ERA) TV8		8 cm <sup>2</sup>
Output channels	<b>ULTRASONIC 1500</b>	2 independent
	<b>ULTRASONIC 1300</b>	

Storable protocols in the smart-card		200
Storable protocols in the user memory		200
External dimensions of the table container (W x H x D)	<b>ULTRASONIC 1500</b>	Desktop case in plastic material ( 39 x H14x 30 cm )
	<b>ULTRASONIC 1300</b>	
Weight of the device body	<b>ULTRASONIC 1500</b>	4.25 Kg
	<b>ULTRASONIC 1300</b>	4.20 Kg
Conditions of use	temperature environment	(+10 ÷ +40) °C
	relative humidity	(10 ÷ 80) % without condensation
Storage/transport conditions	temperature environment	(-40 ÷ +70) °C
	relative humidity	(10 ÷ 100) % without condensation
	atmospheric pressure	(500 ÷ 1060) hPa