

# ULTRATHERM 1008 and accessories



# ULTRATHERM 1008

Part. No.: 022-0-3000-UT



Short waves can be applied to both superficial and deeper tissue layers. Myopathies can be treated in the same manner as joint diseases and inaccessible organs (e.g. in urology, gynecology and ENT). Thus, the unit offers a wider and more comprehensive range of applications than any other physical therapy device, but - unlike drugs - without any side effects as long as the short waves are properly used.

The ULTRATHERM® 1008 short-wave therapy unit sets new standards for its class. It still employs the ideal energy source, a high-performance vacuum tube, which allows both the capacitor (condensor field) and the coil (induction field) techniques to be used. To guarantee ease of use as well as convenient and efficient operation, the unit features a graphic display that not only guides the operator but also provides indication suggestions (incl. pictograms showing proper electrode application) and various program storage positions. A unique output power dosing function allows highly precise adjustment by means of the dynamic matching indicator and the heat-effective output power value that is constantly displayed, giving the user full visual control over the therapy.

The desk-type design of ULTRATHERM® 1008 is even more compact and ergonomic than its predecessor, while it meets higher technical and safety demands.

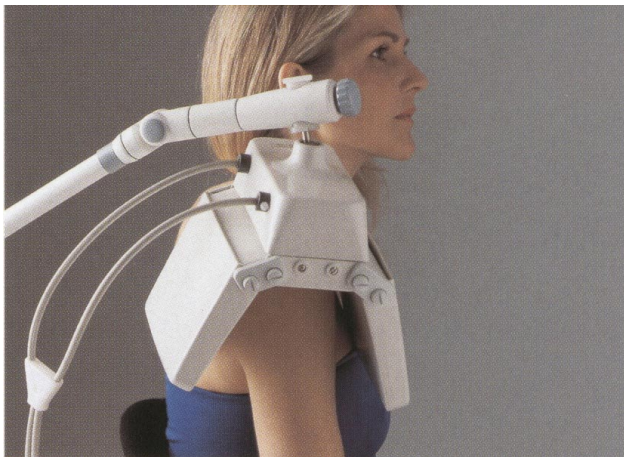
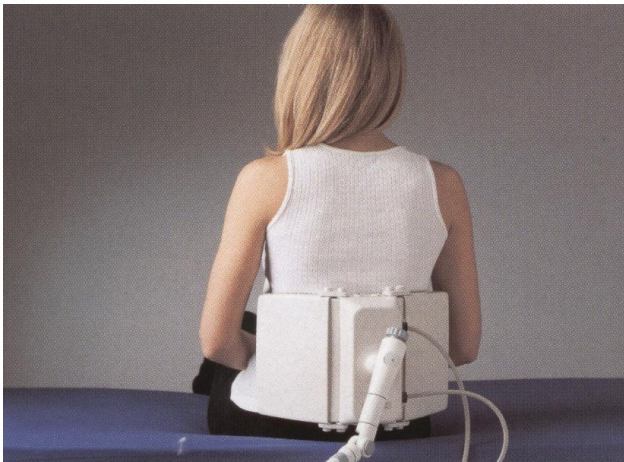
The most important advantages at a glance:

- ⇒ Uniform, highly effective output power both in continuous and pulsed modes, thanks to its high-performance vacuum tube.
- ⇒ Continuously adjustable output power.
- ⇒ Optional use of either the capacitor (condensor field) or coil (induction field) electrodes.
- ⇒ Easy operator guidance by clear graphic display, program memory, indications menu including pictograms for electrode application.
- ⇒ Matching and effective output power indication.
- ⇒ Modular, safe and easy-to-service basic design.
- ⇒ Space-saving, ergonomic design.



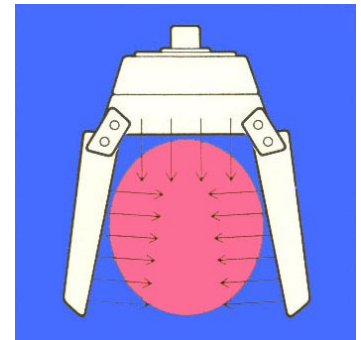
HF nominal power	400 / 1000 W (CW / Impulse)
Operating frequency	27,12 MHz ±0,6%
Pulse duration	200 - 600 µs
Pulse frequency	10 - 300 Hz
Power indication	Amplitude and effective power
Timer	0 - 60 min.
Supply voltage	115/230 V, 50/60 Hz
Power consumption	1800 VA
Protection class	I/BF (IEC 601-1)
Equipment class	IIb (acc. to MDD)
Dimension	420 x 970 x 405 mm (B x H x T)
Weight	60 kg
Warranty	24 months

Subject to technical changes without prior notice.



## DIPLODE® A short wave electrode for individual application

The DIPLODE® is a universal electrode for short wave therapy within the magnetic field. It adds to the usual forms of application and gives you essential advantages in addition:

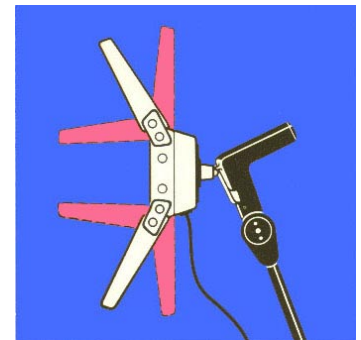


### Comprehensive heating treatment

Extremities and joints are heated substantially due to exposure by three sides.

### Heating treatment for large areas of the trunk

By means of the large active area of 400 x 225 mm extensive areas of tissue and muscles can be treated within one therapy session.



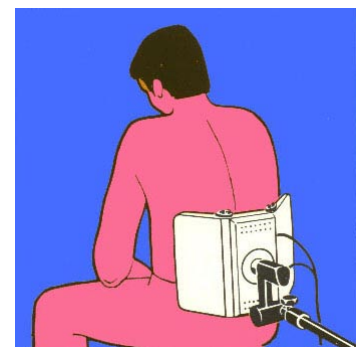
### Multi-purpose use

The breakdown of the large electrode surface into three partial areas adjustable against each other predestines the DIPLODE® for a multi-purpose program.

### Easy handling

There is only one electrode to be placed at the part of the body to be irradiated. Due to its universal joint, the DIPLODE® can be fixed to the support arm; thus operation is without any effort. Even for this wide range of application, the accessories comprise two items only:

- 1 DIPLODE®
- 1 support arm



### Individual adjustment to the form of the body

The three partial areas may easily be adjusted to the trunk as well as may easily be adapted for irradiation of extremities and joints.

## Operation








Warning: The DIPLODE® must be placed on the patient prior to activation of the unit in order to avoid operation during idle speed. The connecting cable must neither be put on metal or any plastic material nor lead closely along these materials. If possible, the cable should hang freely.

1. Activate the short wave therapy unit according to the corresponding Operating Instructions.
2. Place the DIPLODE® in the area of the part of the body which needs treatment; with a distance between electrode-to-skin of 1–3 cm, the most favorable heat is created.
3. Set the control system according to the subjective heat impression of the patient.
4. At the end of the treatment, switch off the unit and remove the DIPLODE® from the treatment area.

## accessories

	Part-No.	Specification	Use	Application	Remarks
	020-453218	Plastic plate electrode 165 mm		On support arm	
	020-453217	Plastic plate electrode 120 mm		On support arm	Output power limited to 200 W effective power
	020-453216	Plastic plate electrode 80 mm		On support arm	Output power limited to 80 W effective power
	020-453220	Shortwave electrode connection cable with cellular rubber coating	to connect plastic plate electrodes		
	020-969553	Diplode with cable		On support arm	Output power limited to 200 W effective power
	022-0-0002	MONODE®	Shortwave with inductive electrode	On support arm	Max 200 W <sub>eff</sub>
	022-0-0003	MINODE®	Kurzwele im Spulenfeld	On support arm	Max. 150 W <sub>eff</sub>

# Zubehör

	Part-No.	Specification	Use	Application	Remarks
	020-453214	Cable clamp	For cables with cellular rubber coating		
	020-453266	Soft rubber electrodes 180 x 120 inclusive one Linenpocket and one intermediate felt layer	With linen pockets and intermediate felt layers	Wit rubber strap or sandbag if required	Output power limited to 250 W effective power
	020-453267	Soft rubber electrodes 250 x 145 inclusive one Linenpocket and one intermediate felt layer	With linen pockets and intermediate felt layers	Wit rubber strap or sandbag if required	
	45-38-963 EH725	Rubber strap, 1 piece, 1 row of holes 135 cm long 2,7 cm wide	For soft rubber electrode		
	22-74-801 Q1320	Fastening button 1 piece	For soft rubber electrode		
	45-39-391 EH729	Indicator discharge tube	To check units function		
	022-0-0001	Electrode arm Self-locking, extractable			





