

Main Functions

RF Lesion with up to 25 W.
Pulsed RF Lesion with up to 50 V.
Stimulation with up to 3 V.
Analog and digital temperature control.
Easy step-through mode selector.

Individual User Parameters

Lesion times and maximum temperature are stored in 4 "user defined" RF-modes. There is no need to reselect or change these parameters before starting the treatment. This makes swapping between different therapies very easy.

Two Stimulation Modes

The frequency used for sensory or motor stimulation can be change by the operator, who can choose any frequency between 2 and 100 Hz. The standard value in Stimulation 1 mode is 50 Hz for sensory stimulation. Standard for Stimulation 2 is 2 Hz for motor stimulation.

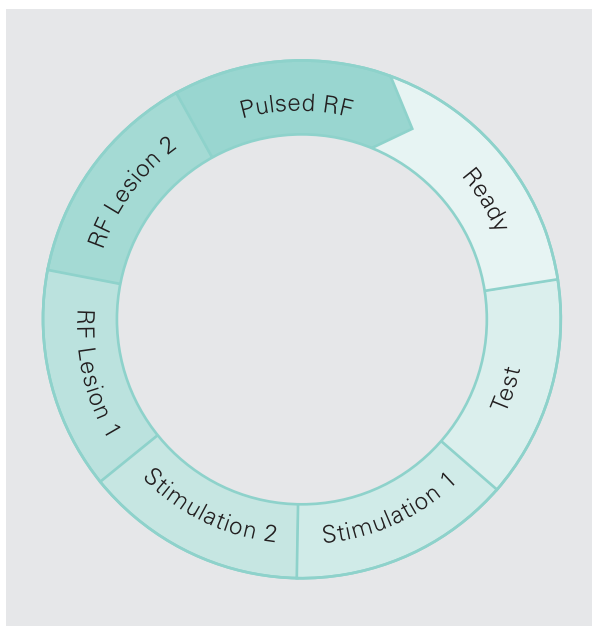
Mode Selector

"Step by step" user-guided through the treatment.
Select only the active parts necessary.
Multilingual (English, German, French).
Clear status and error messages.

Safety Feature

Digitally controlled operation.
Automatic thermocouple check.
Permanent electric circuit control.
Maximum temperature limit 95° C.
Sterile operation with "SteriStick".
Energy saving mode.

Menu Structure

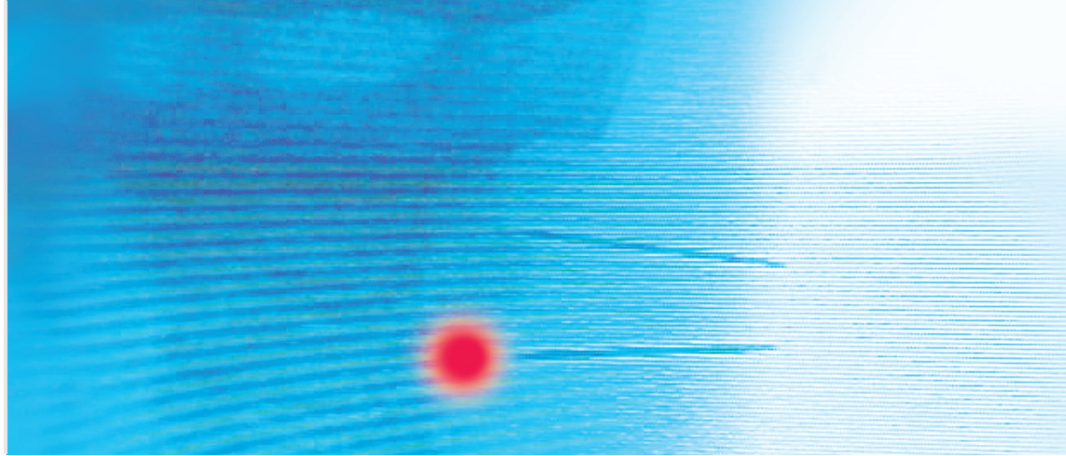


Technical Specification

General	
Mains Voltage	230 VAC
Mains Frequency	50/60 Hz
Power	80 W
Dimensions	(35 x 38 x 17) cm
Weight	8,5 Kg
Impedance Measurement	
Range	0 to 3000 Ohm (± 20%)
Frequency	54 kHz (± 0,5 kHz)
Testresistor	500 Ohm (± 25 Ohm)
Display	0 to 3000 Ohm in 1 Ohm steps
Stimulation	
Voltage	0 to 3,0 Volt (± 0,3 V)
Frequency	2 to 100 Hz
Waveform	biphasic square, 1ms neg., 1ms pos.
Display	0 to 100 Hz in 1 Hz steps
Temperature	
Thermoelement	Type K
Range	0 to 100° C
Digital Display	0 to 100° C in 1° C steps
Analog Display	0 to 100° C
RF Lesion	
Power	0 to 25 W into 100 Ohm
Frequency	485 kHz (± 0,5 kHz)
Max. Voltage	50 V
Max. Lesion time	300 s
Max. Temperature	95° C
Timer	1 to 300 s

Distributor:

THERMEDICO NK1



Product Brief

The lesion generator for successful radiofrequency pain management

The new TherMedico NK1 was developed for the routine treatment of chronic pain.

Its easy handling and ergonomic design make the TherMedico NK1 an easy-to-use and safe radiofrequency system.

A full range of accessories as well as frequent training courses ensure perfect material and latest state-of-the-art knowledge for maximum therapy success.

Indications

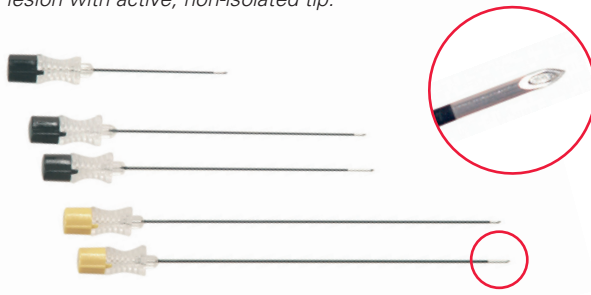
- Selective facette denervation
- Thermocoagulation of the ganglion gasseri
- Anti-pain surgery on the spinal cord
- Anti-pain surgery on the peripheral nerves
- Sympathetic nerve block

TherMedico NK1

- Ergonomic design and handling
- Automatic temperature control
- Automatic RF-lesion via start button
- Radiofrequency lesion and pulsed radiofrequency
- Protective circuit for maximum security
- Different thermocouples and cannulae available

Disposable cannulae		
Product code	Length	Active tip
500887	50 mm 22 G	5 mm
500888	100 mm 22 G	5 mm
503713	100 mm 22 G	10 mm
500890	100 mm 22 G	15 mm
500889	150 mm 20 G	5 mm
503714	150 mm 20 G	10 mm

Disposable cannulae for radiofrequency lesion with active, non-isolated tip.



Thermocouples with 2 meter connecting cable		
Product code	Length	Active tip
500882	TS 50-Couple	50 mm
500883	TS 100-Couple	100 mm
500884	TS 150-Couple	150 mm

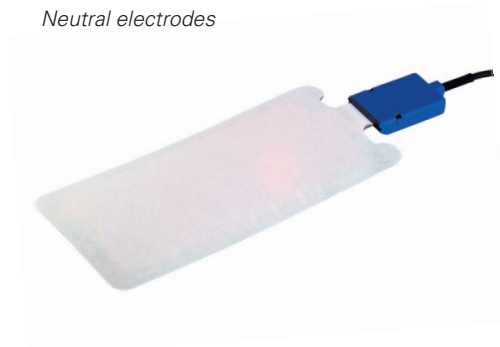
The length of the cannulae corresponds with the TherMedico NK1 thermocouples



Connecting cable for neutral electrode	
Product code	Length
500990	2 meter

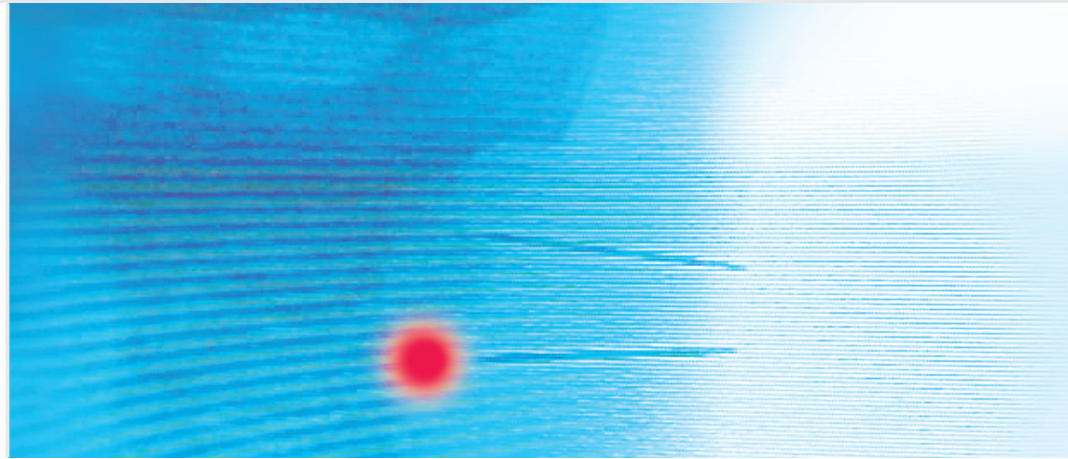
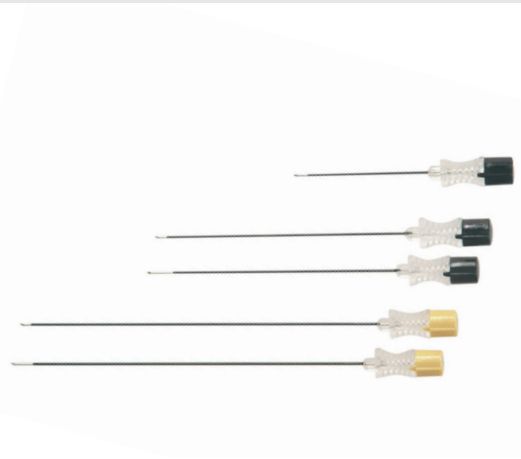
Neutral electrode		
Product code	Feature	Packaging unit
500991	self-adhesive	Set of 10

Neutral electrodes



Distributor:

THE**M**MEDICO NK1



Accessories

Disposable cannulae

Thermocouples

Connecting cable for neutral electrode

Neutral electrode