196 pirkimo dalis

MicroThermX® - Microwave ablation system

- Characteristics
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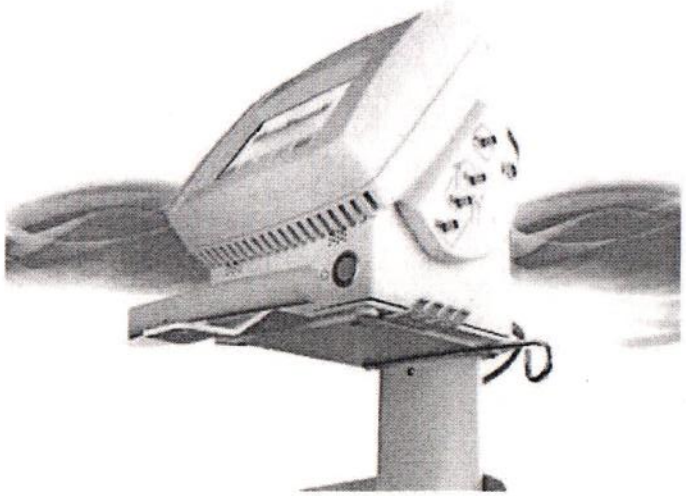

Make it Simple, Act Safer*

The MicroThermX microwave ablation system consists of a generator and pump attached to a mobile cart or tabletop stand and SynchroWave antennas with cooling circuit.

The MicroThermX microwave ablation system delivers microwave energy for coagulation (ablation) of soft tissue. The SynchroWave antennas may be used in open surgical as well as percutaneous ablation procedures. The synchronous wave alignment technology allows non-parallel placement and avoid skipping when using multiple antennas.

* Data on file.

Characteristics

MicroThermX Generator:

- MicroThermX wheeled cart or T2 tabletop version available
- Synchronous Wave Alignment technology

- One small generator; up to three (3) simultaneous antenna capability
- Intuitive, easy touch screen interface
- Set up time less than 2 minutes
- Wavelength at 915 MHz with Synchronous Wave Alignment for deep penetration into tissue – Margins Matter!
- Compact size, lightweight

SynchroWave Antenna:

- Sharp trocar tip
- Tip easily seen under ultrasound and CT
- Scalable ablation zones of necrosis for small and large ablations
- Temperature sensor detects shaft overheating, helps prevent skin burns
- 14 gauge (2.13 mm)
- Metallic shaft and tip for strength and torquability
- Non-parallel placement for procedural flexibility
- Internal cooling helps prevent shaft from overheating and skin burns
- Lightweight, flexible cord, 9 ft. (2.7 m)

Make it Simple

- Easy to set up
- Small and light generator able to plug up to 3 antennas
- Allows flexibility in antenna placement
- No risk of skin burn

Be More Powerful

- Microwave allows faster treatments than Radiofrequency ablation (RFA)
- Bigger necrosis volume than RFA

Act Safer

- Better than RFA because it is not affected by heat sink effect ($p<0.0001$)
- More predictable and reproducible area of necrosis than 2.4 GHz microwave ($p=0.002$)
- More consistent area of necrosis- synchronous technology
- Inferior recurrence rate than RFA

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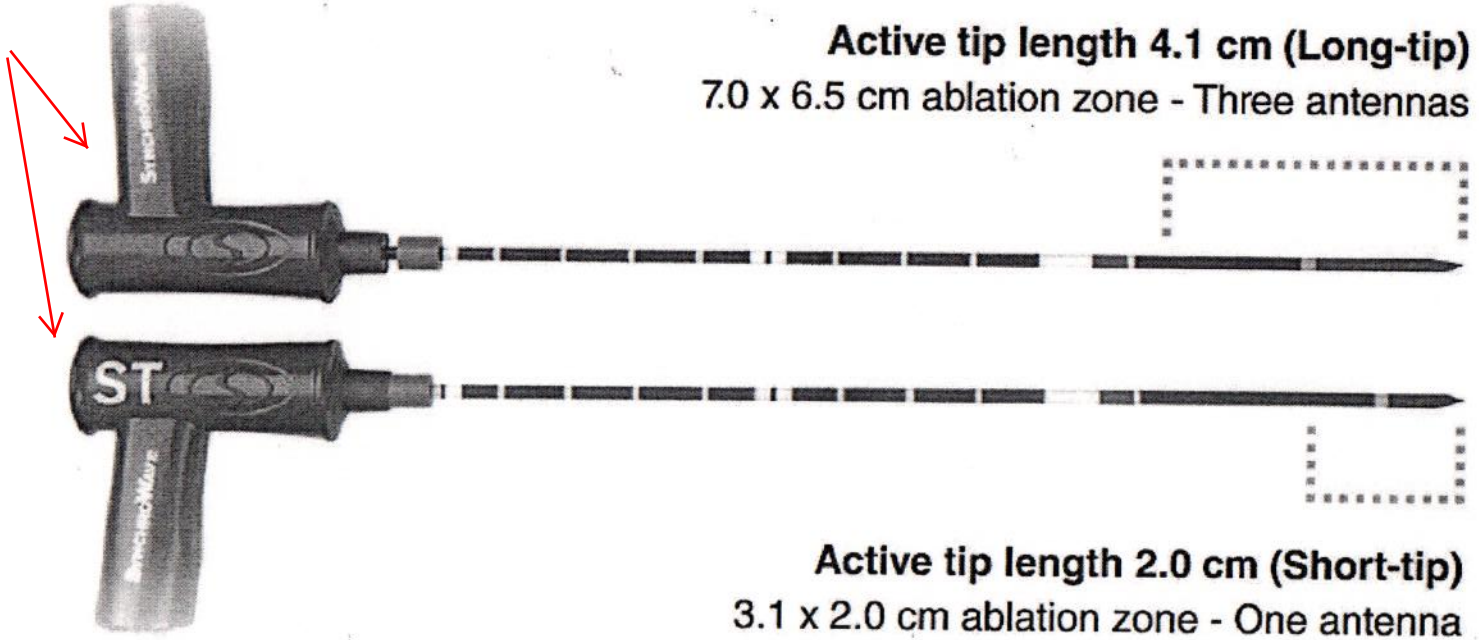

General Specifications

MicroThermX Generator Specifications

Operating Voltage	100 to 240 volts AC; 50/60 cycle
Microwave Power Output	180 watts maximum (60 watts max. per channel), continuous wave

Microwave Frequency	915 MHz
Power Cord Length	14.3 ft (4.4 m)

SynchroWave Antennas Specifications

Maximum Power Output	60 watts per antenna
Antenna Cable Length	9 ft (2.7 m) minimum
Shaft Dimensions	Outer Diameter 14 gauge (2.13 mm)
Active tip length	Short tip 2.0 cm, long tip 4.1 cm

TempSure Specifications

Description	Single point thermistor sensor - Precalibrated
Shaft Dimensions	Outer DIameter 18 gauge (1.27 mm)
Measurement Range	30.0°C to 80.0°C
Accuracy	+/- 1.0°C from 30.0°C to 55.0°C +/- 2.0°C from 55.0°C to 80.0°C

Item Specifications

Name	Description	Dimensions (W x D x H)	Weight	Reference

MicroThermX® Microwave Ablation System	Cart Configuration: Generator/Cart/Pump, Europe	18" (46 cm) x 21" (53 cm) x 50" (127 cm)	67 lbs (30.4 kg)	MTX-180E
MicroThermX® Microwave Ablation System T2	Tabletop Configuration: Generator/Pump, Europe	12" (30 cm) x 13" (33 cm) x 22" (56 cm)	40 lbs (18 kg)	MTX-180-T2-E
SynchroWave LT Antenna	Active Tip 4.1 cm, 14 ga, 15 cm, 1 Per Tray	—	—	SW-1415
SynchroWave LT Antenna	Active Tip 4.1 cm, 14 ga, 20 cm, 1 Per Tray	—	—	SW-1420
SynchroWave LT Antenna	Active Tip 4.1 cm, 14 ga, 25 cm, 1 Per Tray	—	—	SW-1425
SynchroWave ST Antenna	Active Tip 2.0 cm, 14 ga, 15 cm, 1 Per Tray	—	—	SWST-1415
SynchroWave ST Antenna	Active Tip 2.0 cm, 14 ga, 20 cm, 1 Per Tray	—	—	SWST-1420
TempSure Temperature Sensor	Temperature Sensor, 20 cm, 1 Per Tray	—	—	TS-20