

POWERFUL PREDICTABILITY

Emprint™ ablation system WITH THERMOSPHERE™ TECHNOLOGY



The Emprint™ ablation system with Thermosphere™ technology gives clinicians three kinds of spatial energy control—thermal, field AND wavelength—to **maintain predictable spherical ablation zones throughout your procedures.**



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Emprint™ ablation system with Thermosphere™ technology: **Powerful Predictability**

PREDICTABLE RESULTS

Allow more control to plan and execute procedures with predictable results regardless of target location or tissue type.¹

INCREASE CONFIDENCE

Increase confidence for achieving planned results with precision and consistency.

REDUCE TIME AND COSTS

Predictable spherical ablation zones enable physicians to have more choice of approach, further simplifying needle placement and saving time in both planning and procedure.



Emprint™ ablation system Full System Package - Order Code: CART1

Ablation Cart

An all in one system designed with a 17"x19" footprint to save space in crowded procedural suites. Easy to set up to save time.
order code: CART1

Ablation Generator with Thermosphere™ technology

100W generator with an intuitive user interface and customizable power settings for simplified set-up and operation.
order code: CAGEN1

Percutaneous Antenna with Thermosphere™ technology

An internally cooled antenna with single body fiberglass construction that reduces risk of the antenna breakage during placement.
Short (15 cm) order code: CA15L1
Standard (20 cm) order code: CA20L1
Long (30 cm) order code: CA30L1

Ablation Pump

A pump for efficient antenna cooling to minimize thermal conductivity for increased control and predictability.
order code: CAPUMP1

Ablation Reusable Cable

A high efficiency reusable cable optimizes power delivery and ablative performance.
order code: CA190RC1

Footswitch

Footswitch allows easy activation to save overall procedure time.
order code: RFASW

Remote Temperature Probe

Verify tissue temperature in real time and trigger automatic ablation shut off when a preset tissue temperature is achieved.
order code: RTP20

1. Ablation shape values for the Emprint™ microwave ablation system averaged 0.9 – 1.1 with no remarkable difference based on target organ or duration of ablation.

Average ablation diameter ranged from 1.7 cm to 4.4 cm, depending on the duration and target organ, for the Evident™ microwave ablation system at 45W. Ablation height measurements for the Evident™ microwave ablation system tended to be larger than the diameter measurements resulting in an average ablation shape value of 0.4 – 0.8.

Emprint™ microwave ablation system: Average Ablation Size & Shape Values at 100W

Time (minutes)	Target Organ	Diameter (cm)	Height (cm)	Shape
2.5	Kidney	3.0	3.4	0.9
5	Liver	3.3	4.0	0.8
10	Liver	3.5	4.0	0.9
5	Lung	3.5	4.2	0.9
10	Lung	3.8	4.3	0.9
5	Muscle	5.7	5.0	1.2
10	Muscle	6.4	6.0	1.1



IMPORTANT : Please refer to the package insert for complete instructions, contraindications, warnings and precautions.

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