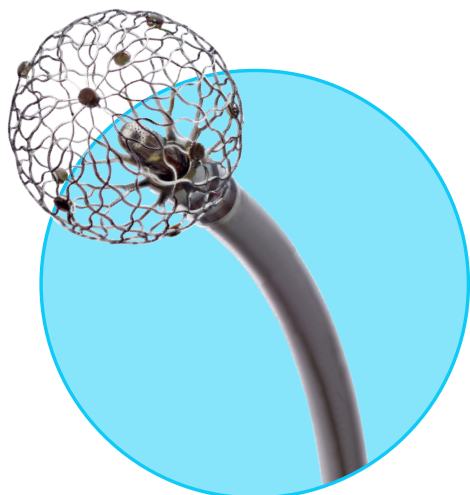


Sphere-9™ Catheter

Medtronic

All-in-one – map | ablate | validate



The Sphere-9 catheter is a magnetic, bidirectional, irrigated, multi-electrode, high-density (HD) mapping and ablation catheter with a novel, nitinol lattice tip design. The 9 mini electrodes and single central reference electrode support Close-Unipolar™ HD mapping capabilities for creating anatomical, voltage, and activation maps. The lattice tip delivers lesions using PF and RF energy and the 9 mini surface electrodes, integrated with 9 thermocouples, provide real-time tissue proximity information and tissue temperature feedback.

It is compatible with the Affera™ mapping and ablation system including all associated mapping software, hardware, and disposable components.

Ordering information

Order number

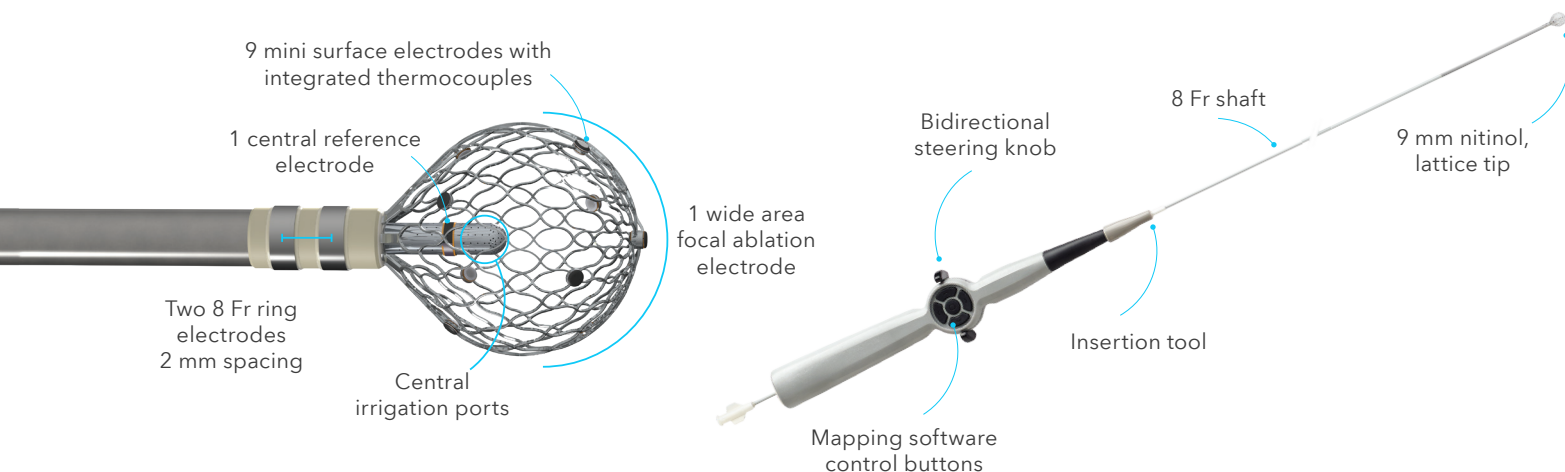
AFR-00001 Sphere-9 Catheter

Sphere-9 catheter

Specifications

Form factor	Wide area focal
Energy options	Pulsed field and radiofrequency†
Shaft diameter	8 Fr
Tip diameter	9.3 mm
Shaft length	115 cm (without insertion tool)
Curve diameter	Large "F" (5 cm) Small "D" (3.5 cm)
Irrigation rates	4 mL/min when not ablating 15 mL/min with PF energy delivery 30 mL/min with RF energy delivery
Number of electrodes	1 lattice ablation electrode 9 mini electrodes 2 ring electrodes 1 central electrode
Number of thermocouples	9 mini, outward facing thermocouples
Sheath compatibility	8.5 Fr nondeflectable and steerable
Sterilization	Single use, sterile device, ethylene oxide (EO) gas

† Four return electrodes with surface area $\geq 124 \text{ cm}^2$ that conform with IEC/EN 60601-2-2 are required for energy delivery.



Compatibility

Affera disposables

Order number	Product name	Details
AFR-00006	Catheter extension cable	Sterile, single-use, 2 m long cable. Compatible with Sphere-9 catheter and Affera system
AFR-00007	Location reference patch kit	Includes 4 kits per order; 2 magnetic patches per kit
AFR-00002	Tubing kit	Includes 4 tubing kits per order; compatible with HexaFlow™ irrigation pump

Affera™ capital equipment

Order number	Product	Order number	Product
AFR-00003	Affera™ Prism-1 mapping system	AFR-00008	HexaPulse™ PF generator
AFR-00004	HexaGen™ RF generator	AFR-00013	System cart (optional)
AFR-00005	HexaFlow irrigation pump		

Medtronic

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For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use.

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