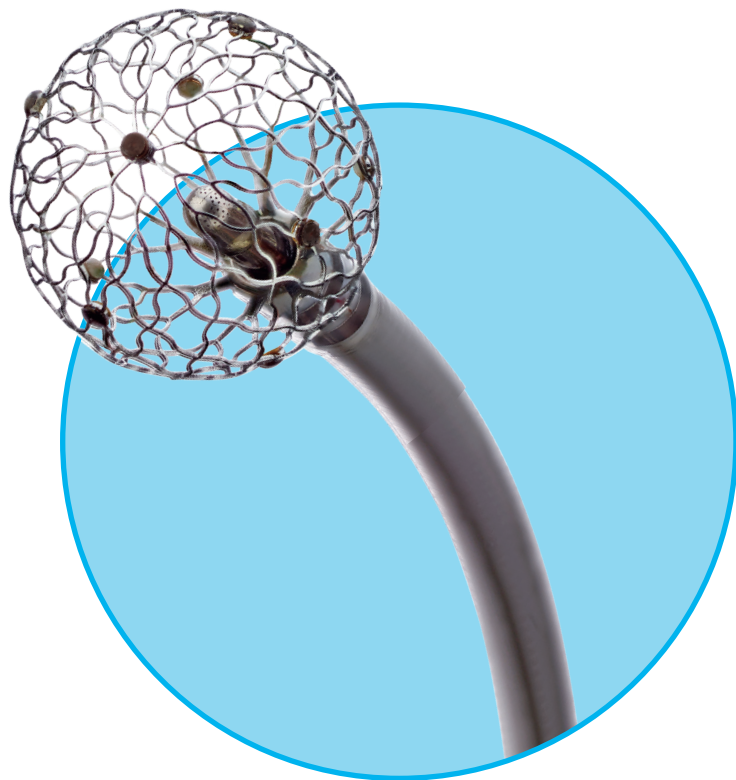


# Medtronic

## Sphere-9™ Catheter

All-in-one – map | ablate | validate



The Sphere-9 catheter is a navigation-enabled, 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 contact 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

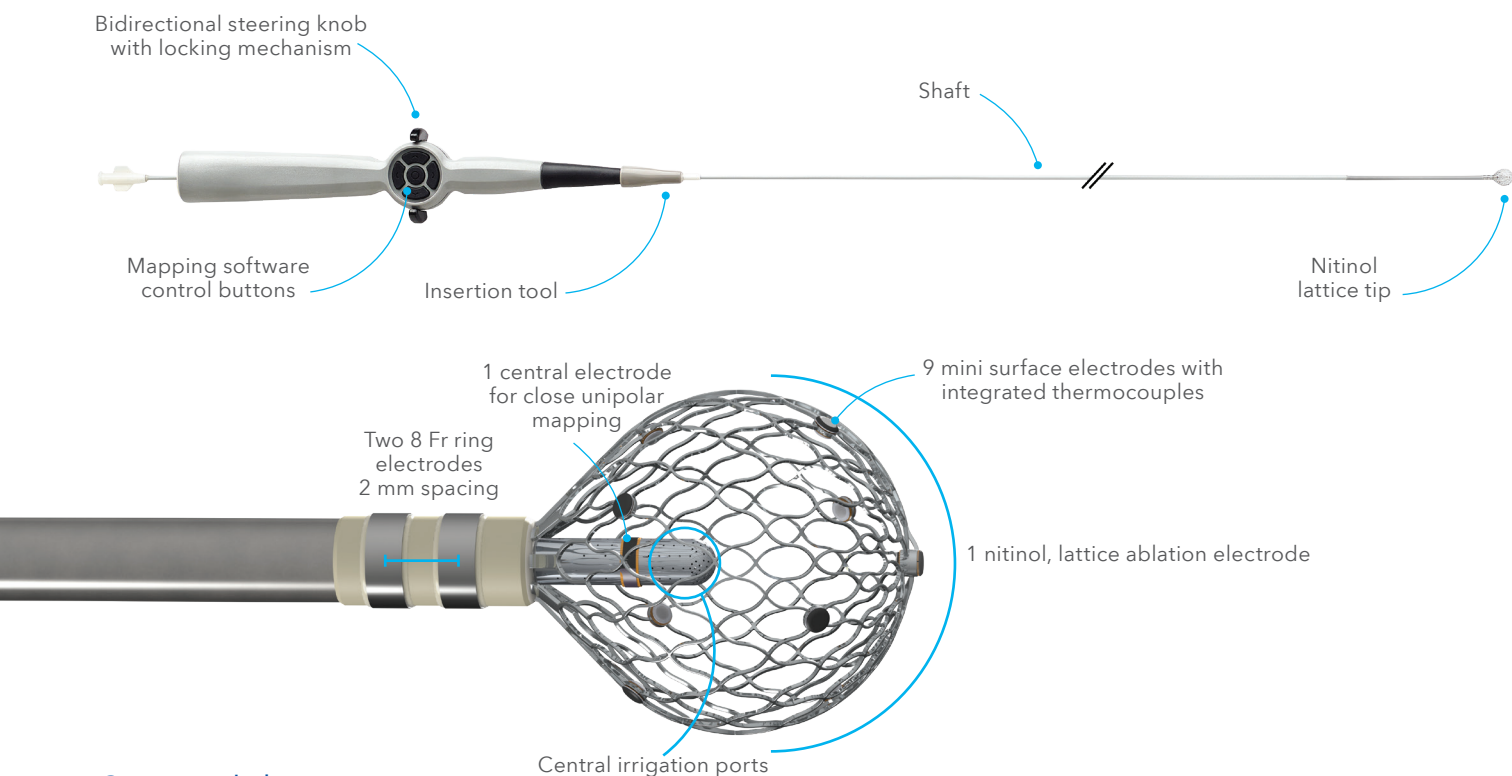
### Sphere-9 catheter

#### Specifications

|                      |   |
|----------------------|---|
| Form factor          | Wide area focal   |
| Energy options       | Pulsed field and radiofrequency†  |
| Shaft diameter       | 8 Fr  |
| Tip diameter         | 9.3 mm  |
| Working length       | 115 cm‡   |
| Curve direction      | Bidirectional/asymmetrical  |
| Curve diameter       | Large "F" (5 cm)<br>Small "D" (3.5 cm)  |
| Irrigation rates     | 4 mL/min when mapping<br>15 mL/min with PF energy delivery<br>30 mL/min with RF energy delivery       |
| Number of electrodes | 1 lattice ablation electrode<br>9 mini surface electrodes<br>2 ring electrodes<br>1 central electrode |
| Electrode spacing    | Mini surface electrode spacing: < 6 mm<br>Ring electrode spacing: 2 mm (center to center)             |
| Sheath compatibility | 8.5 Fr deflectable sheath   |

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

‡The working catheter length is defined as the length between the distal end of the catheter tip to the distal end of the strain relief.



## Compatibility

### Catheter cable

| Order number | Product name             | Length | Connector type   |
|--------------|--------------------------|--------|--|
| AFR-00006    | Catheter extension cable | 2 m    | Console end:<br>Circular 52-pin connector<br>Catheter end:<br>Oblong edge-card connector |

### Affera™ components

| Order number | Product name/detail            |
|--------------|--------------------------------|
| AFR-00003    | Affera™ Prism-1 Mapping System |
| AFR-00004    | HexaGen™ RF generator          |
| AFR-00005    | HexaFlow™ irrigation pump      |
| AFR-00008    | HexaPulse™ PF generator        |
| AFR-00007    | Location reference patch kit   |
| AFR-00002    | Tubing kit                     |
| AFR-00013    | System cart                    |

Formal product names in IFUs may differ from what is in this document:  
 Sphere-9™ Catheter = Sphere-9™ Mapping and Ablation Catheter, System  
 Cart = Affera System Cart, Tubing Kit = HexaFlow™ Tubing Set.

**Note:**  
 Several of the Affera components are ordered as part of a bundled system and cannot be ordered separately at this time.

## Medtronic

### Europe

Medtronic International Trading Sàrl.  
 Route du Molliau 31  
 Case postale  
 CH-1131 Tolochenaz  
 medtronic.eu  
 Tel: +41 0 21 802 70 00  
 Fax: +41 0 21 802 79 00

### United Kingdom/Ireland

Medtronic Limited  
 Building 9  
 Croxley Green Business Park  
 Hatters Lane  
 Watford  
 Herts WD18 8WW  
 medtronic.co.uk  
 Tel: +44 0 1923 212213  
 Fax: +44 0 1923 241004

### Technical Support

Toll-free: 00800-22556338  
 Toll (paid): +31 (45) 5664621  
 rs.casemeatechservice@medtronic.com

### Brief statement

See the device manual for information regarding the instructions for use, indications, contraindications, warnings, precautions, and potential adverse events. For further information, contact your local Medtronic representative and/or consult the Medtronic website at medtronic.eu.