

Medtronic

Affera™ Mapping and Ablation System

Experience a new paradigm in electrophysiology.



The compact, sleek Affera mapping and ablation system boasts a truly modern and integrated design unlike any other mapping and ablation systems in the lab today. The thoughtful design supports broad system control from the interactive touchscreens on the HexaGen™ RF generator or remote control (not pictured) while also sharing unique ablation parameters from the ablation generators to the Affera™ Prism-1 mapping software (located on a workstation – not pictured).

Ordering information

The components below are typically ordered together to create a functioning system.

Order information	Details
AFR-00003 Affera mapping system	Includes Prism-1 mapping software, magnetic field generator, HexaMap™ CIU, workstation, cables/ accessories
AFR-00004 HexaGen™ RF generator	Includes RFG assembly, remote control, foot pedal, cables/accessories
AFR-00005 HexaFlow™ irrigation pump	Includes pump, pole mount, cables/ accessories
AFR-00008 HexaPulse™ PF generator	Includes PFG assembly, cables/accessories
AFR-00013 System cart	Customized for Affera system components

⋮ Optional

Full system

Affera system with cart

Ambient operating range	15-30 °C
Cart dimensions (W x H x D, not including pole)	64 cm x 116 cm x 72 cm
Cart capacity	150 kg



Temperature-controlled RF energy delivery

HexaGen™ RF Generator

Specifications

RF output voltage	0-240 V (rms)
Impedance operating range	20-120 Ω
RF output current (peak)	0-3.75 A (rms)
Ambient operating range	15-30 °C
Power supply	100 V-240 VAC, 50/60 Hz
Weight	17 kg
Dimensions (W x H x D)	39 cm x 30 cm x 35 cm



Providing unipolar/biphasic PF energy delivery

HexaPulse™ PF Generator

Specifications

PF output voltage (peak)	3333 V
Impedance operating range	20-120 Ω
PF output current (peak)	57 A
Ambient operating range	15-30 °C
Power supply	100 V-240 VAC, 50/60 Hz
Weight	11 kg
Dimensions (W x H x D)	39 cm x 14 cm x 35 cm



Optimized irrigation delivery for compatible Affera catheters



Magnetic navigation and map acquisition with intracardiac electrogram display, recording, and pacing

HexaFlow™ Irrigation Pump

Specifications

Flow rate	Baseline: 4 mL/min PF delivery: 15 mL/min RF delivery: 30 mL/min
Air bubble detection	$\geq 2 \mu\text{L}$
Power supply	100 V-240 VAC, 50/60 Hz
Weight	11 kg
Dimensions (W x H x D)	28 cm x 28 cm x 27 cm

HexaMap™ Catheter Interface Unit (CIU)

Specifications

Pacing current	20 mA max
Power supply	100 V-240 VAC, 50/60 Hz
Weight	15 kg
Dimensions (W x H x D)	39 cm x 14 cm x 35 cm

Compatibility

Order information	Details
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
AFR-00001 Sphere-9™ catheter	Combined mapping and ablation catheter
AFR-00006 Catheter extension cable	Single-use cable for use with Sphere-9 catheter and Affera system

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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