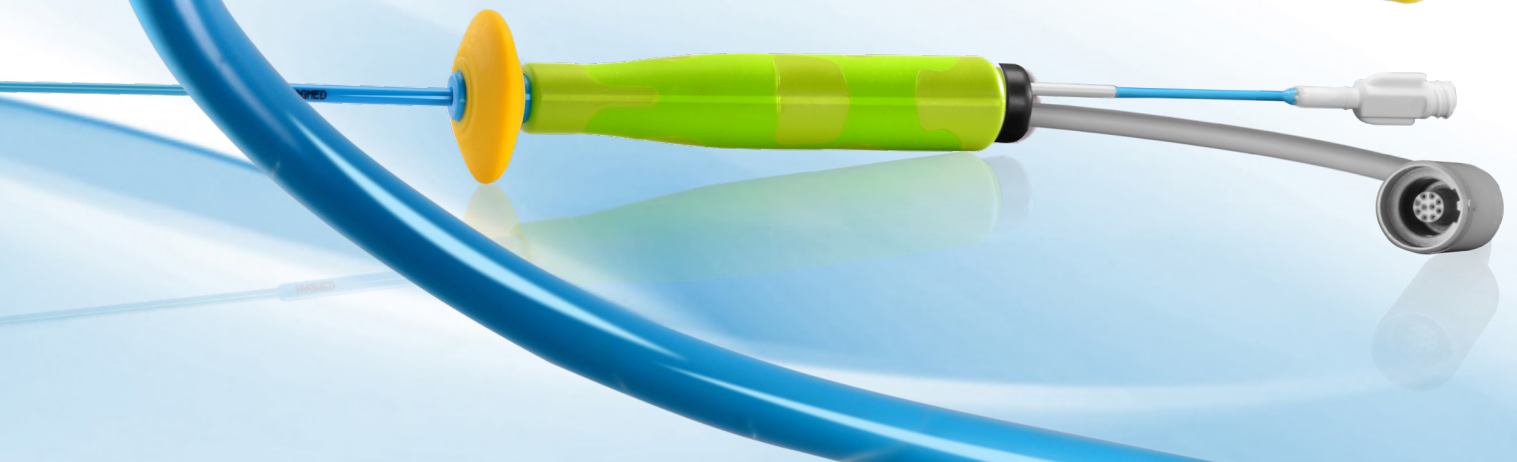
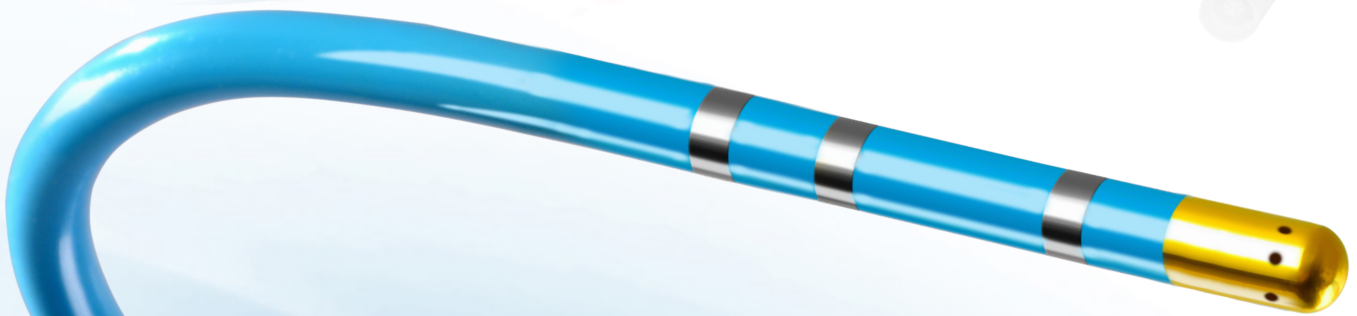
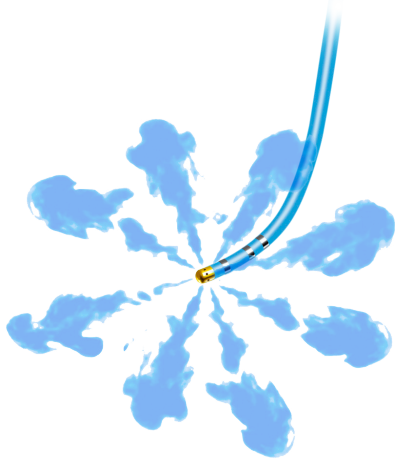




Ablation electrodes unidirectional irrigated



Ablation electrodes unidirectional irrigated

Electrodes are used to record intracardiac potentials, map the electrical conduction of individual heart cavities, temporarily stimulate the mapped area of the heart, and deliver “RF” current to the myocardium tissue, i.e., ablation of the arrhythmia substrate of the heart.

Electrodes are sterile, disposable medical devices. Electrodes are visible in X-ray imaging and are fully biocompatible.

Thanks to the use of REDEL type connectors and dedicated HAGMED electrophysiological electrode extension cables, electrodes are compatible with most of currently used ablators, electrophysiological systems and external pacemakers.

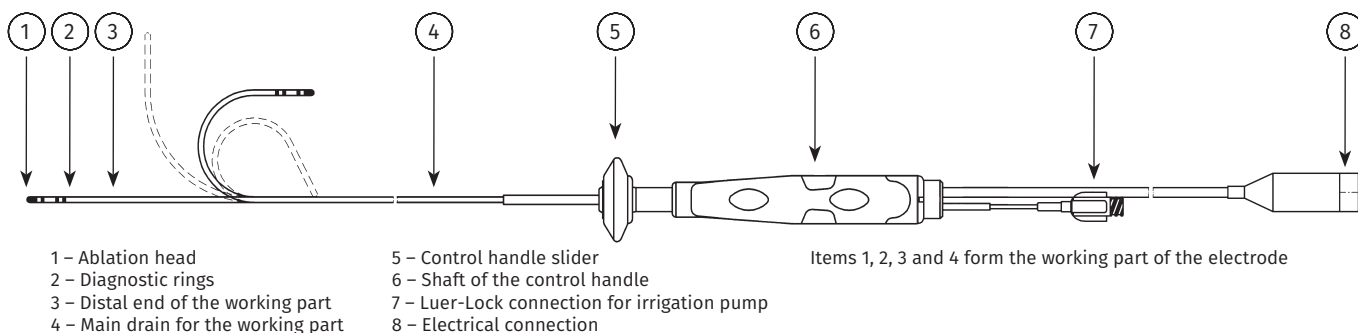
Electrodes are characterized by safe and easy insertion and positioning in cavities of the heart. They enable precise mapping of electrical conduction of individual cavities of the heart. Shape of distal parts of electrodes are precisely controllable. Electrodes are characterized by high ergonomics of their control handle and autoblock of the shape of the distal end.

Electrodes ensure safe and stable transfer of electric charges/potentials between the heart and electrophysiological medical devices, and safe and stable transfer of “RF” radio frequency current from the ablator to the myocardium tissue.

When the radio frequency “RF” current is applied to the myocardium, the operating temperature of the ablation electrode head is controlled by the electrical system of a thermocouple located in the electrode ablation head.

Irrigated electrodes are equipped with channels that enables irrigation (cooling) of the ablation head during the arrhythmia substrate ablation procedure. The ablation head is irrigated with sterile saline and heparin.

Electrodes are compatible with majority of clinically used vascular sheaths used for transseptal access to the left atrium.



Technical specification of the ablation electrodes, unidirectional, irrigated.

REF	Size	Number of diagnostic rings	Spacing of diagnostic rings	distal tip configuration	Specification of ablation head	Length of the working part	Colour of the control handle slider
EA7QM252U4I8AT	7F	4 (including the ablation head)	2-5-2 (mm)	M range: 63 (mm) min. diameter: 30 (mm)	4 (mm) irrigated, gold	115 (cm)	white
EA7QL252U4I8AT				L range: 70 (mm) min. diameter: 36 (mm)			green
EA8QM252U4I8AT	8F			M range: 63 (mm) min. diameter: 30 (mm)			white
EA8QL252U4I8AT				L range: 70 (mm) min. diameter: 36 (mm)			green

Technical specification of ablation electrode extension cables (reusable)

REF	Ablator compatible extension cables	Model	Length
PEE06EA1W	Stockert EP Shuttle RF Generator (Biosense Webster, Inc.) HAT 500 Generator (Osypka AG)	10-pin Redel plug (ablator) 10-pin Redel plug (electrode)	150 ÷ 300 (cm)
PEE06EA2W	Ampere RF Generator (St. Jude Medical, Inc. / Abbott Cardiovascular)	14-pin Redel plug (ablator) 10-pin Redel plug (electrode)	
PEE06EA3W	SMARTABLATE Generator (Biosense Webster, Inc.)	26-pin Redel plug (ablator) 10-pin Redel plug (electrode)	

Electrodes and extension cables with different technical specifications are also available. All information about the products is provided by the HAGMED sales department.

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