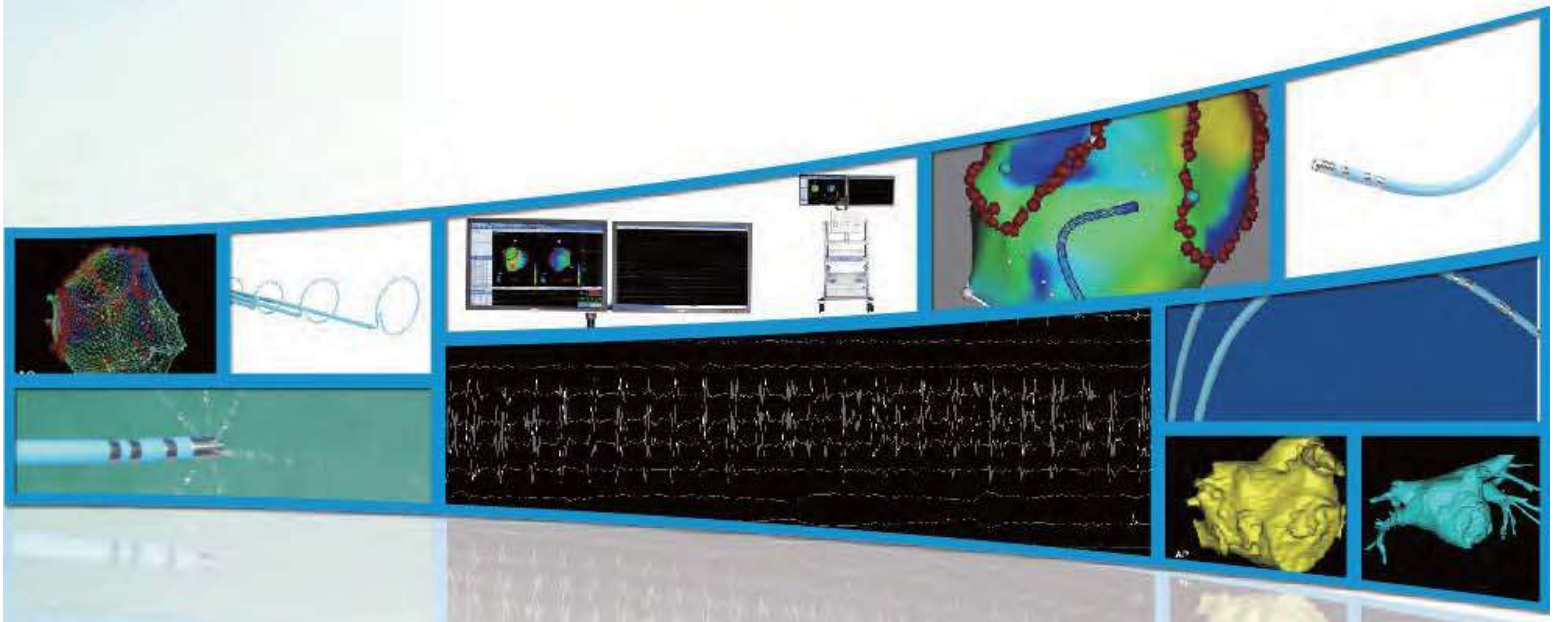
Product Brochure



MicroPort Electrophysiology

Columbus™

3D EP Navigation System

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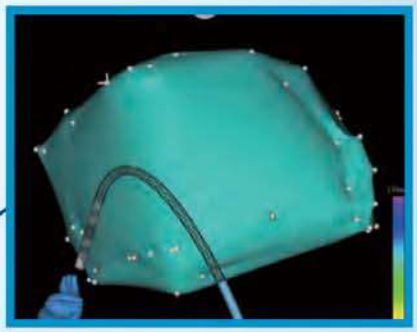
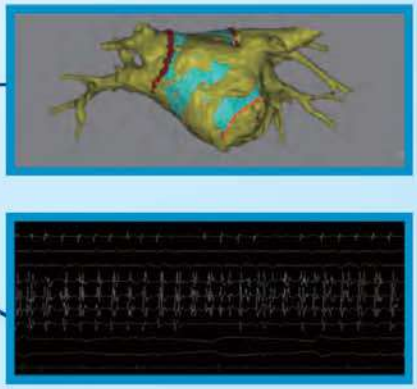
Columbus™

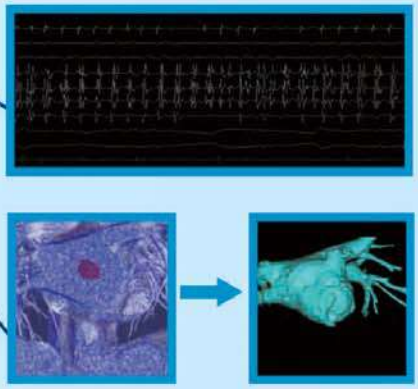
3D EP Navigation System

Columbus™ 3D EP Navigation System, providing information about the electrical activity of the heart and catheter location in real time, is designed for the diagnosis of arrhythmias and acts as a guidance for catheter ablation.

1. Real time electromagnetic device tracking with cardiac motion compensation
2. Vivid 3D simulation of the catheter deflectable segment
3. Accurate geometric reconstruction of intra cardiac chambers
4. Powerful workstation with integrated ECG recording module
5. Automatic 3D image segmentation of cardiac chambers with one mouse click
6. Accurate preoperative CT image registration and integration







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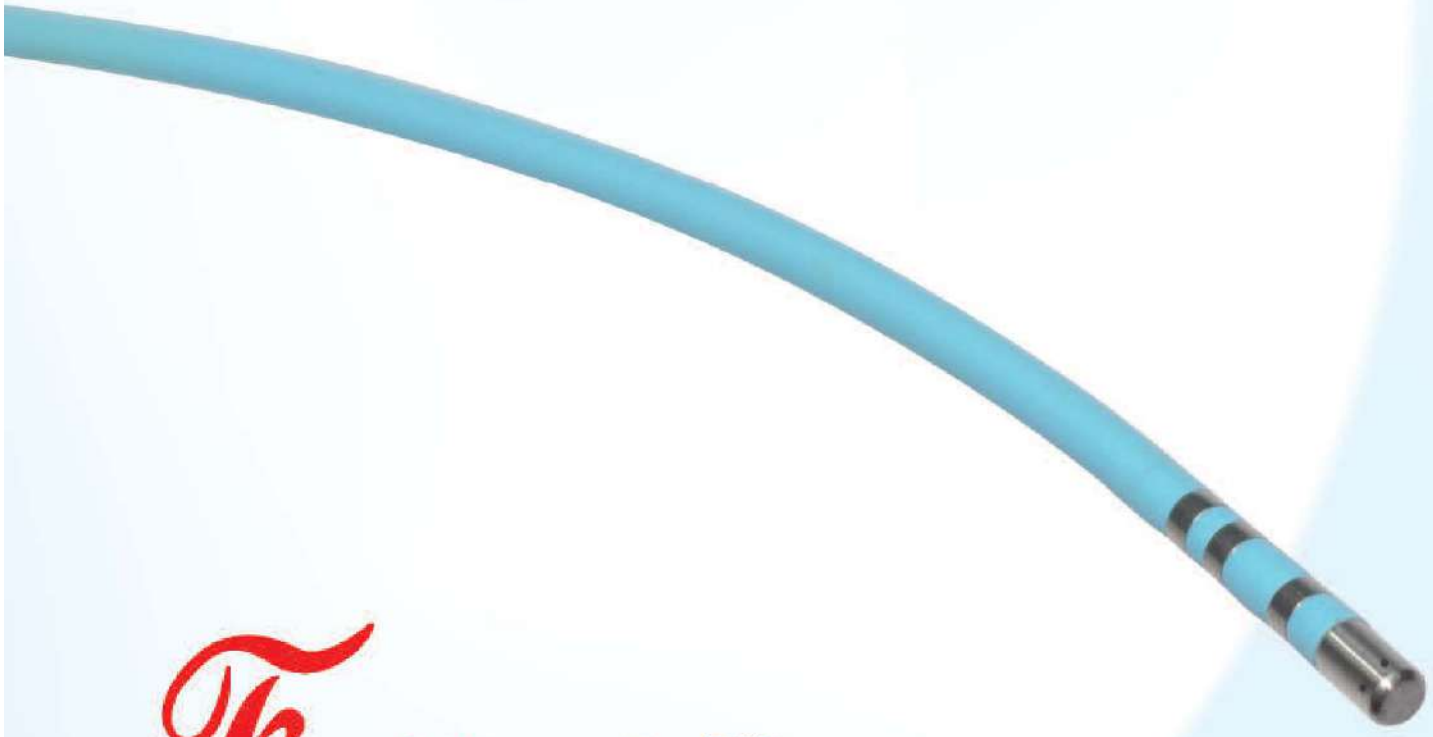


FireMagic™

3D Irrigated Ablation Catheter

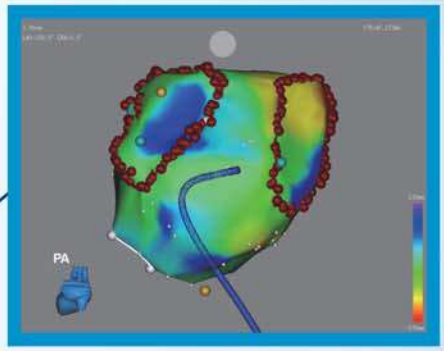
FireMagic™

3D Irrigated Ablation Catheter

www.microport.com.cn

FireMagic™ 3D Irrigated Ablation Catheter used in conjunction with Columbus™ 3D Navigation System provides real time display and optimized ablation result.

1. Accurate 3D localization of the tip electrode
2. Multiple embedded sensors realize real time curve visualization on 3D navigation system



3. Open irrigation provides uniform cooling of the tip electrode and ensures stable power delivery
4. Consistent performance and comfortable catheter control throughout complex and extended procedures

Model	Length (cm)	Diameter (F)	Curve/Color	Electrodes Spacing (mm)	Poles
EPN8BTC	105	8	B/Red	2-5-2	4
EPN8DTC	105	8	D/Blue	2-5-2	4
EPN8FTC	105	8	F/Orange	2-5-2	4
EPN8JTC	105	8	J/Black	2-5-2	4

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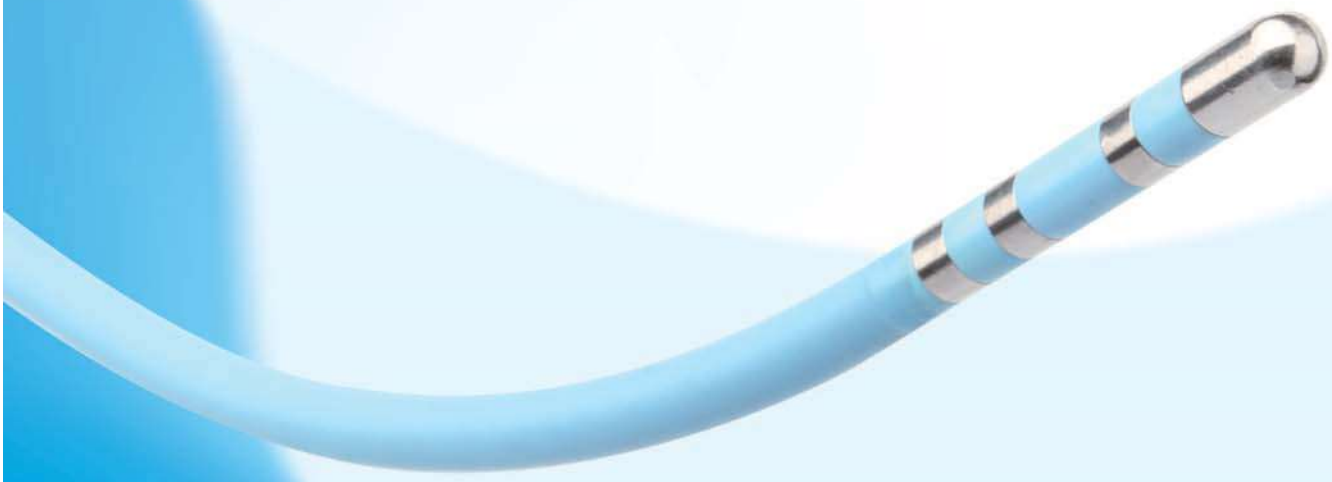
FireMagic™

Cardiac RF Ablation Catheter



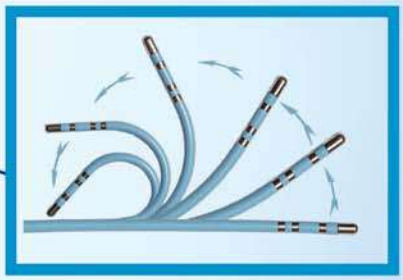
FireMagic™

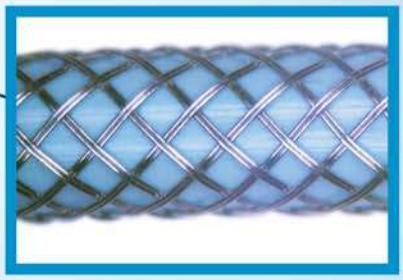
Cardiac RF Ablation Catheter

www.microport.com.cn

FireMagic™ Cardiac RF Ablation Catheter, made from medical grade thermoplastic elastomer and a number of platinum electrodes, is designed for cardiac electrophysiology mapping and ablation.

1. Smooth steering and curve control ensure the certainty in diagnosis and treatment
2. Precise thermal couple sensing for tip electrode temperature monitoring
3. Woven metal braid facilitates appropriate torqueability and maneuverability
4. Accurate tip placement and stable tip contact with consistent performance





Model		Length (cm)	Diameter (F)	Curve/Color	Electrodes Spacing (mm)	Tip Electrode Length (mm)	Poles
Standard Type	EPA7ATC	115	7	A/Yellow	2-5-2	4	4
	EPA7BTC	115	7	B/Red	2-5-2	4	4
	EPA7CTC	115	7	C/Green	2-5-2	4	4
	EPA7DTC	115	7	D/Blue	2-5-2	4	4
	EPA7ETC	115	7	E/White	2-5-2	4	4
	EPA7FTC	115	7	F/Orange	2-5-2	4	4
Strong Support Type	EPA8BTC	90	7	B/Red	2-5-2	4	4
	EPA8DTC	90	7	D/Blue	2-5-2	4	4
	EPA8ETC	90	7	E/White	2-5-2	4	4
	EPA8FTC	90	7	F/Orange	2-5-2	4	4

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EasyFinder™

EP Diagnostic Catheter

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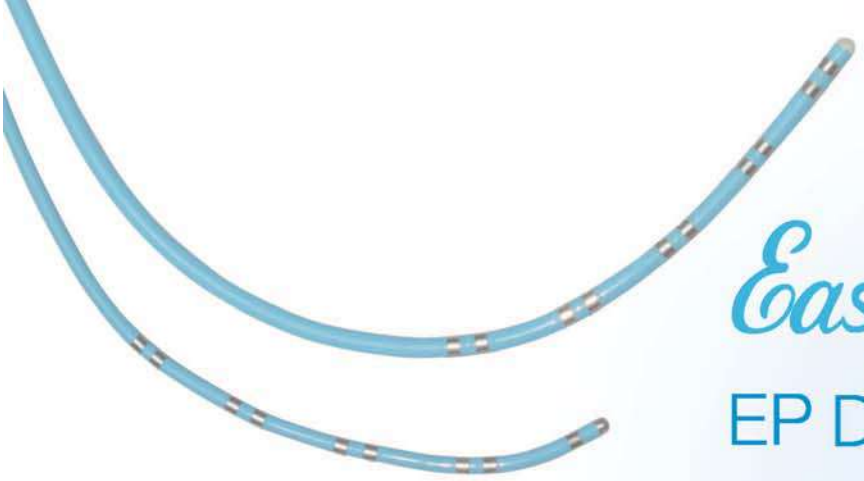

EasyFinder™

EP Diagnostic Catheter

EasyFinder™ EP Diagnostic Catheter, available with fixed curve and steerable curve and a wide range of models, is designed for acquisition of the cardiac electrical signals.

1. Consistent high fidelity acquisition of electrograms
2. Easy access to challenging anatomies

3. Soft tip enhances positioning stability and reliable tissue contact
4. Ergonomic handle for excellent steering and curve control

Model		Length (cm)	Diameter (F)	Curve/Color	Electrodes Spacing (mm)	Tip Electrode	Poles	Indication
Fixed Curve	EPD6AD252	115	6	A/Yellow	2-5-2	N	4	RA
	EPD6AD005	115	6	A/Yellow	5-5-5	N	4	
	EPD6AD010	115	6	A/Yellow	10-10-10	N	4	
	EPD6DD252	115	6	D/Blue	2-5-2	N	4	RV
	EPD6DD005	115	6	D/Blue	5-5-5	N	4	
	EPD6DD010	115	6	D/Blue	10-10-10	N	4	
	EPD6FD252	115	6	F/Black	2-5-2	N	4	HIS
	EPD6FD005	115	6	F/Black	5-5-5	N	4	
	EPD6FD010	115	6	F/Black	10-10-10	N	4	
	EPD5PE282	60	5	P/Grey	2-8 in sequence	N	10	CS
	EPD6PE282	60	6	P/Grey	2-8 in sequence	N	10	
	EPD6DE282	92	6	D/Blue	2-8 in sequence	N	10	
	EPD6AB252	115	6	A/Yellow	2-5-2	Y	4	RA
	EPD6AB005	115	6	A/Yellow	5-5-5	Y	4	
	EPD6AB010	115	6	A/Yellow	10-10-10	Y	4	
	EPD6DB252	115	6	D/Blue	2-5-2	Y	4	RV
	EPD6DB005	115	6	D/Blue	5-5-5	Y	4	
	EPD6DB010	115	6	D/Blue	10-10-10	Y	4	
	EPD6FB252	115	6	F/Black	2-5-2	Y	4	HIS
	EPD6FB005	115	6	F/Black	5-5-5	Y	4	
	EPD6FB010	115	6	F/Black	10-10-10	Y	4	
	EPD5PC282	60	5	P/Grey	2-8 in sequence	Y	10	CS
	EPD6PC282	60	6	P/Grey	2-8 in sequence	Y	10	
	EPD6DC282	92	6	D/Blue	2-8 in sequence	Y	10	
	EPD5CG010	115	5	C/Green	10	N	2	RA
	EPD5JG010	115	5	J/Orange	10	N	2	
	EPD6CG010	115	6	C/Green	10	N	2	
	EPD6JG010	115	6	J/Orange	10	N	2	
Steerable Curve	EPJ6DH252	115	6	D/Blue	2-5-2	N	4	RA/RV/HIS
	EPJ6DH005	115	6	D/Blue	5-5-5	N	4	
	EPJ6DH010	115	6	D/Blue	10-10-10	N	4	
	EPJ6DH282	115	6	D/Blue	2-8 in sequence	N	10	

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MicroPort Electrophysiology

EasyLoop™

Circular Mapping Catheter

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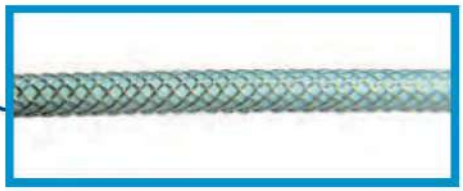
EasyLoop™ Circular Mapping Catheter

EasyLoop™ Circular Mapping Catheter, a circumferential catheter for pulmonary vein electrical signal analysis, is indispensable in the Atrial Fibrillation (AF) treating procedure.

1. Special braiding structure provides excellent torqueability and maneuverability
2. Multiple sealing technics ensure precise and stable signal acquisition
3. Memory alloy retains circular shape over time
4. Various loop diameters fit different pulmonary vein sizes



Model	Length (cm)	Diameter (F)	Curve/Color	Poles	Loop Diameter (mm)	Ref. Pulmonary Vein Size (mm)
EPQ7P012	115	7	P/Black	10	12	8~12
EPQ7P015	115	7	P/Black	10	15	10~15
EPQ7P020	115	7	P/Black	10	20	12~20
EPQ7P025	115	7	P/Black	10	25	16~25

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OptimAblate™ System

RF Generator

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Irrigation flow rate monitor

Multiple customized parameter setting and storage

A high-definition touchscreen with intuitive and user-friendly interface

Swivel-mounted screen with wide-area visualization

Real-time display of power, temperature, impedance and time

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OptimAblate™ System

Irrigation Pump

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MicroPort™
Electrophysiology

Multiple customized parameter setting and storage

Real time display of the flow rate

Dual bubble detection ensures safety and reliability

We also provide compatible Irrigation Tubing Set.

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The Patient Always Comes First.

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