

Electrophysiology

Product Catalogue

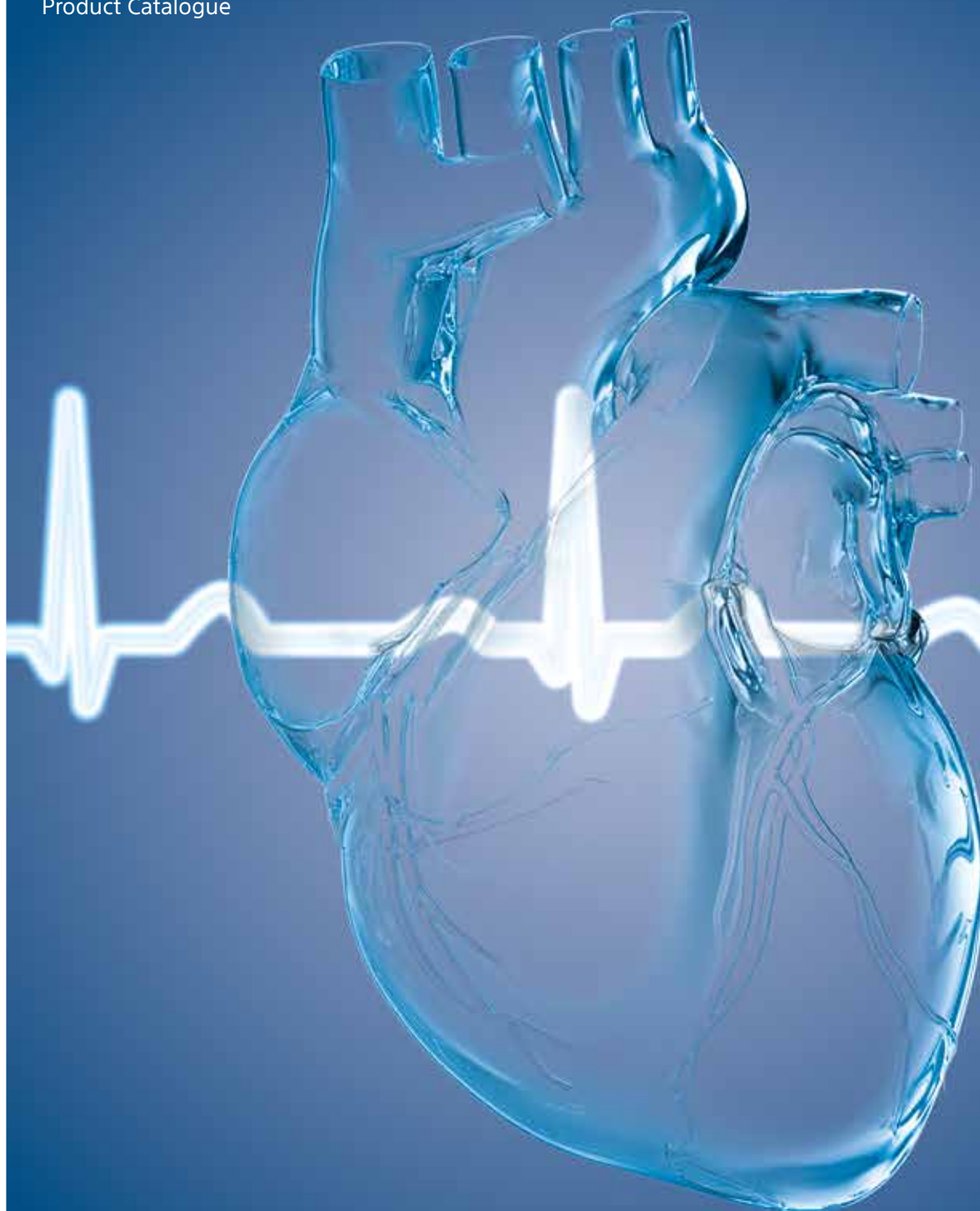


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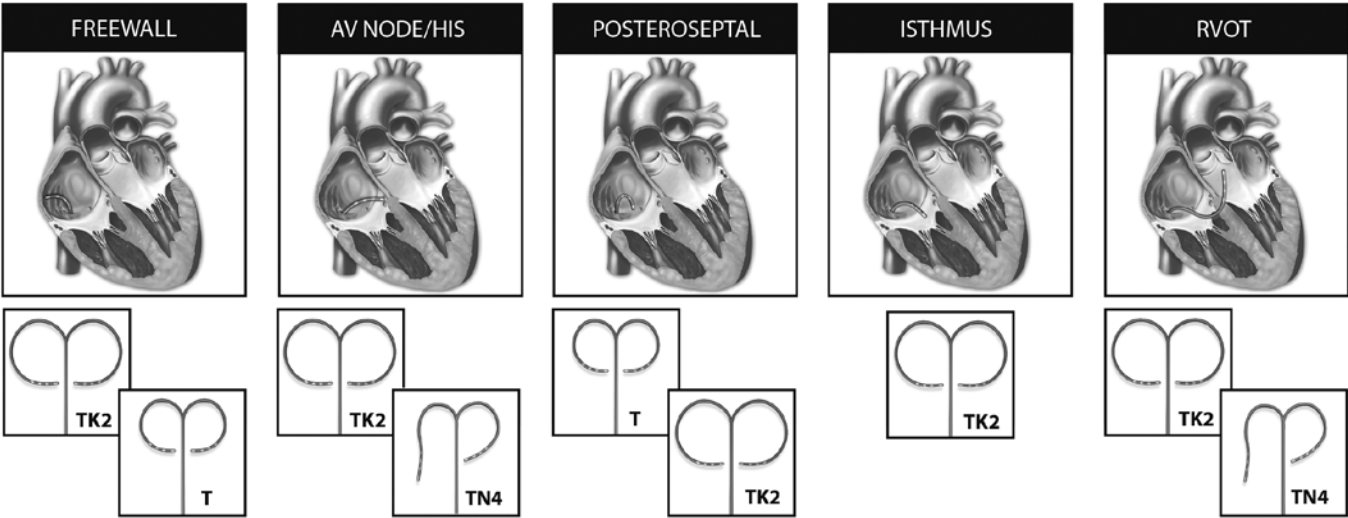
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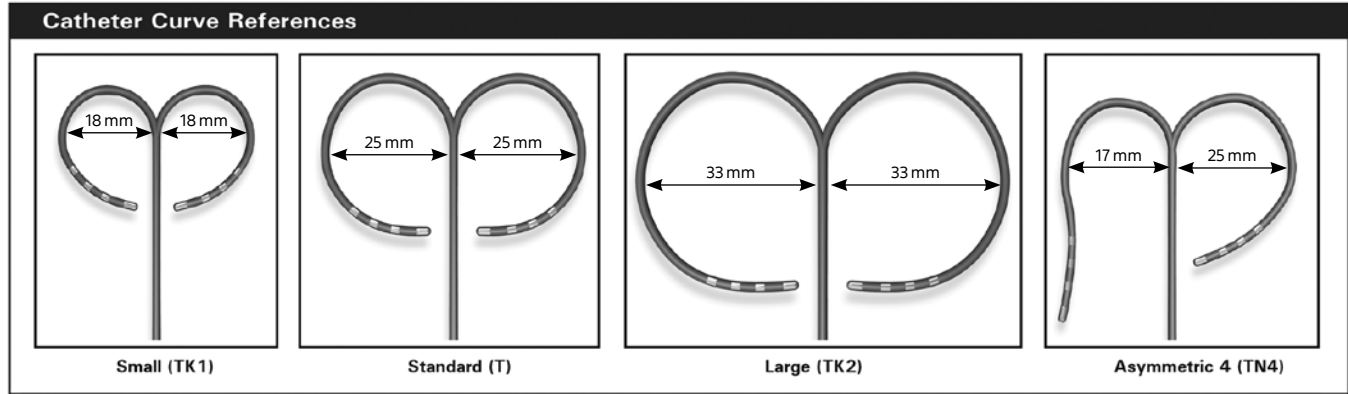
Therapeutic Catheters

Cardiac Ablation Curve Options

Right Side



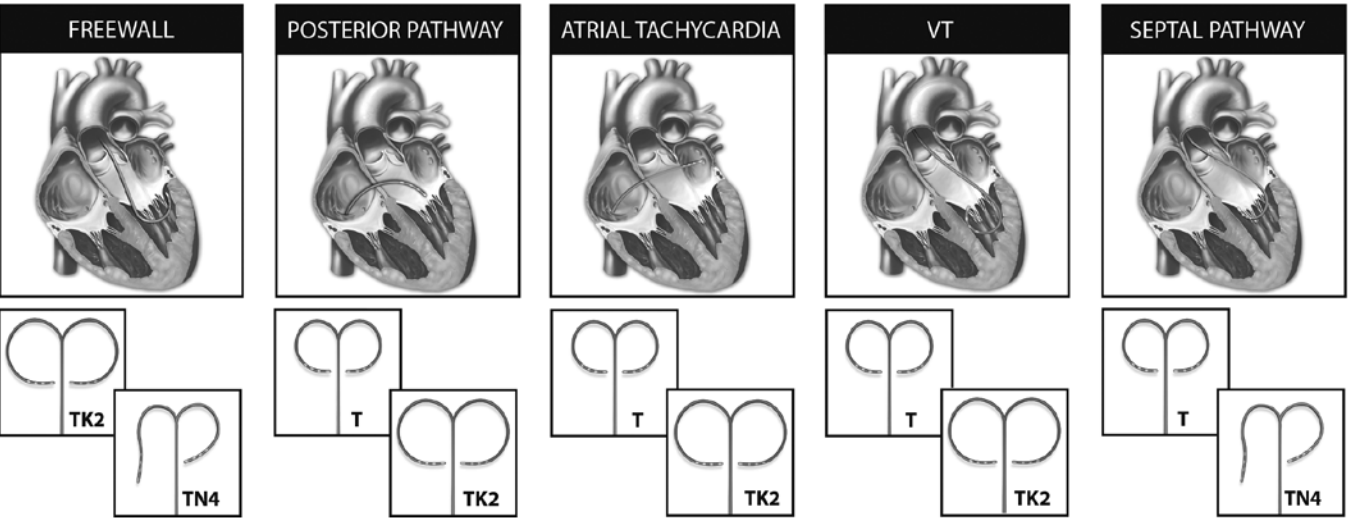
Catheter Tips		BLAZER™ Temperature Ablation Catheter Distal Tubing Materials	
BLAZER Catheter		Model Suffix	
	Model 5031 7F/4mm tip	 = T	Standard Torque Distal
	Model 4790 8F/10mm tip	 = TH	High Torque Distal (HTD)
		BLAZER Prime™ Temperature Ablation Catheter Distal Tubing Materials	
		 = TH	High Torque Distal (HTD) • New fiber-reinforced distal section

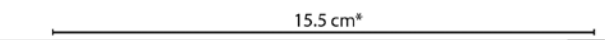


Note: BLAZER PRIME™ and BLAZER™ OI Catheters only in Standard, Large and Asymmetric. Suggested catheter configurations are illustrative representations only and may not reflect actual performance. Additional Service Agreements/Plans are available for additional protection.

Cardiac Ablation Curve Options

Left Side



BLAZER™ Temperature Ablation Catheter Distal Segments		Model Suffix	
	6.9 cm*	= T	Standard Distal Length • Electrode Spacing: 2.5mm
	11 cm*	= TM	Medium Distal Length • Curve dimensions are the same as standard distal • Electrode Spacing: 2.5mm
	15.5 cm*	= TL	Extended Distal Length • Curve dimensions are the same as standard distal • Electrode Spacing: 2.5mm
BLAZER PRIME™ Temperature Ablation Catheter Distal Segments			
	11 cm*	= T	Distal Length • Electrode Spacing: 2.5mm

* Std/N4 curve distal lengths shown; K2 curve distal length slightly longer.

Model Number						BLAZER PRIME Temperature Ablation Catheter Model Number					
Code for EP Devices	Tip Electrode Size	Torque	Distal Length	Curve	Package Indication	Code for EP Devices	Code for Blazer Prime	Tip Electrode Size	Torque	Curve	Package Indication
M004	5031	T TH	M L	K1 K2 N4	0	M004	P	5031	TH	K2 N4	0

Conversion Table								
French (F)	3	4	5	6	7	8	9	10
mm	1.0	1.33	1.66	2.0	2.33	2.66	3.0	3.33
inch	.039	.053	.066	.079	.092	.105	.118	.144
	•	•	•	•	•	•	•	•

Key							
T:	Standard	M:	Medium	K1:	Small	N4:	Asymmetric
TH:	High Torque	L:	Extended	K2:	Large		

Suggested catheter configurations are illustrative representations only and may not reflect actual performance.

Solid Tip BLAZER™ Platform Ablation Catheters

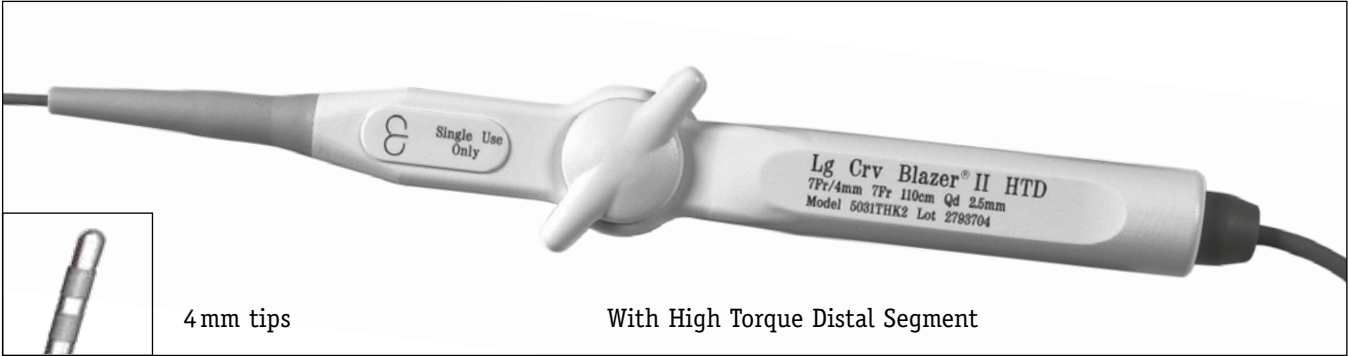
BLAZER PRIME™ Temperature Ablation Catheter



Catheter Length 110 cm, Shaft 7 F (2.33 mm) / 4 mm, Electrode Spacing 2, 5 mm, Quadripolar, Bidirectional. Indicated for use with a 7 F sheath.

Model Number	Distal Shaft			Tip Electrode			Generator Cables			Ind. Electrode
	Curve	Firmness	Type	Distal	Length	Type	Extension (3 m)	BSC (1 m)	Stockert	Model (Qty)
M004 EPTP5031TH 0	Std	HTD	Std	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)
M004 EPTP5031THK2 0	Lge	HTD	Std	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)
M004 EPTP5031THN4 0	Asy	HTD	Std	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)

BLAZER™ II HTD Temperature Ablation Catheter



Catheter Length 110 cm, Shaft 7 F (2.33 mm) / 4 mm, Electrode Spacing 2, 5 mm, Quadripolar, Bidirectional. Indicated for use with a 7 F sheath.

Model Number	Distal Shaft			Tip Electrode			Generator Cables			Ind. Electrode
	Curve	Firmness	Type	Distal	Length	Type	Extension (3 m)	BSC (1m)	Stockert	Model (Qty)
M004 EPT5031TH 0	Std	HTD	Std	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)
M004 EPT5031THK2 0	Lge	HTD	Std	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)
M004 EPT5031THN4 0	Asy	HTD	Std	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)
M004 EPT5031THM 0	Std	HTD	Med	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)
M004 EPT5031THMN4 0	Asy	HTD	Med	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)

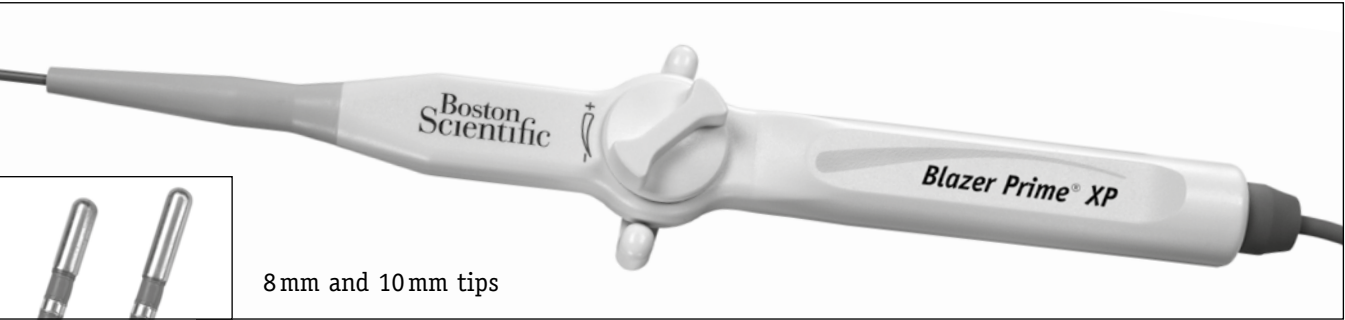
BLAZER™ II Temperature Ablation Catheter



Catheter Length 110 cm, Shaft 7 F (2.33 mm) / 4 mm, Electrode Spacing 2, 5 mm, Quadripolar, Bidirectional. Indicated for use with a 7 F sheath.

Model Number	Distal Shaft			Tip Electrode			Generator Cables			Ind. Electrode
	Curve	Firmness	Type	Distal	Length	Type	Extension (3 m)	BSC (1 m)	Stockert	Model (Qty)
M004 EPT5031T 0	Std	Std	Std	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)
M004 EPT5031TK1 0	Sml	Std	Std	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)
M004 EPT5031TK2 0	Lge	Std	Std	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)
M004 EPT5031TN4 0	Asy	Std	Std	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)
M004 EPT5031TL 0	Std	Std	Ext	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)
M004 EPT5031TM 0	Std	Std	Med	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)
M004 EPT5031TMN4 0	Asy	Std	Med	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)
M004 EPT5031TMK2 0	Lge	Std	Med	7F	4 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (1)

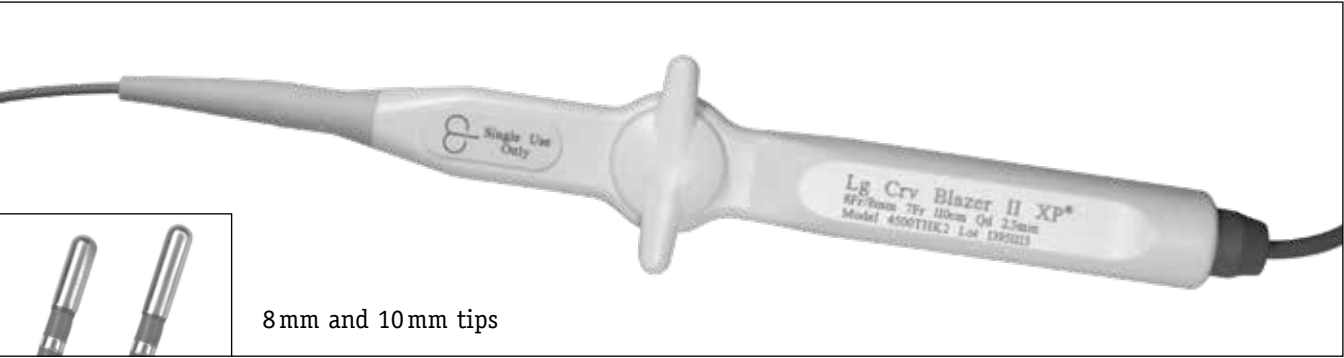
BLAZER PRIME™ XP Temperature Ablation Catheter



Catheter Length 110 cm, Shaft 7 F (2.33 mm) / 8 mm and 10 mm, Electrode Spacing 2, 5 mm, Quadripolar, Bidirectional. Indicated for use with an 8 F sheath.

Model Number	Distal Shaft			Tip Electrode			Generator Cables			Ind. Electrode
	Curve	Firmness	Type	Distal	Length	Type	Extension (3 m)	BSC (1 m)	Stockert	Model (Qty)
M004 EPTP4500THK2 0	Lge	HTD	Std	8F	8 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)
M004 EPTP4500THN4 0	Asy	HTD	Std	8F	8 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)
M004 EPTP4500TH 0	Std	HTD	Std	8F	8 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)
M004 EPTP4790THK2 0	Lge	HTD	Std	8F	10 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)
M004 EPTP4790THN4 0	Asy	HTD	Std	8F	10 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)

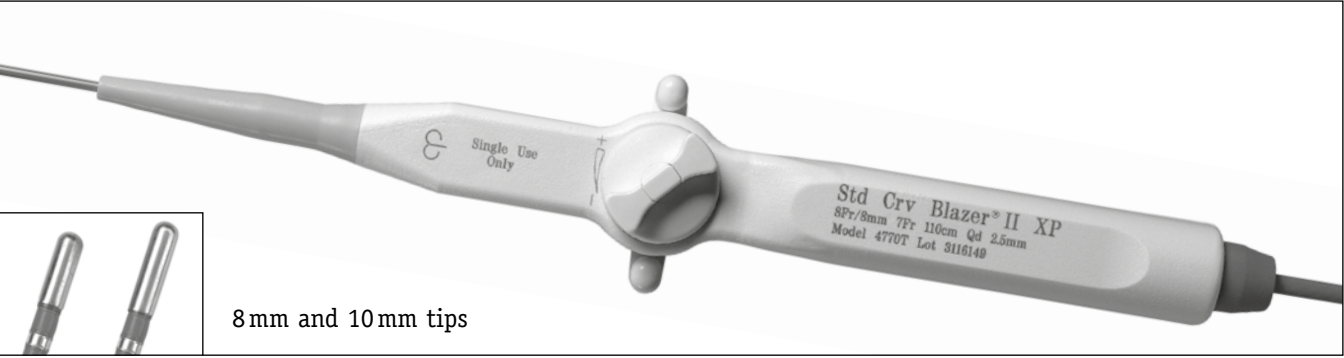
BLAZER™ II XP HTD Temperature Ablation Catheter



Catheter Length 110 cm, Shaft 7 F (2.33 mm)/ 8 mm and 10 mm, Electrode Spacing 2, 5 mm, Quadripolar, Bidirectional. Indicated for use with an 8 F sheath.

Model Number	Distal Shaft			Tip Electrode			Generator Cables			Ind. Electrode
	Curve	Firmness	Type	Distal	Length	Type	Extension (3m)	BSC (1 m)	Stockert	Model (Qty)
M004 EPT4500THK2 0	Lge	HTD	Std	8 F	8 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)
M004 EPT4500THN4 0	Asy	HTD	Std	8 F	8 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)
M004 EPT4500TH 0	Std	HTD	Std	8 F	8 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)
M004 EPT4790TH 0	Std	HTD	Std	8 F	10 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)
M004 EPT4790THK2 0	Lge	HTD	Std	8 F	10 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)

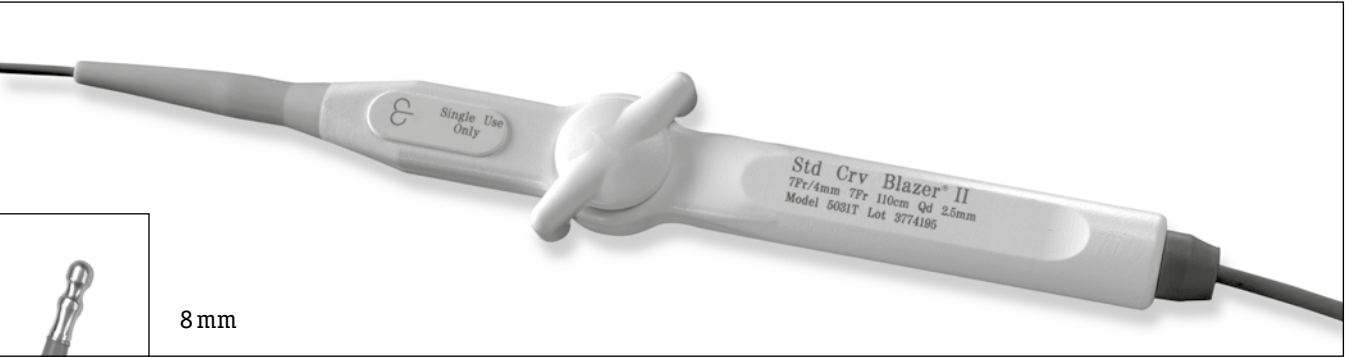
BLAZER™ II XP Temperature Ablation Catheter



Catheter Length 110 cm, Shaft 7 F (2.33 mm)/ 8 mm and 10 mm, Electrode Spacing 2, 5 mm, Quadripolar, Bidirectional. Indicated for use with an 8 F sheath.

Model Number	Distal Shaft			Tip Electrode			Generator Cables			Ind. Electrode
	Curve	Firmness	Type	Distal	Length	Type	Extension (3m)	BSC (1 m)	Stockert	Model (Qty)
M004 EPT4500T 0	Std	Std	Std	8 F	8 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)
M004 EPT4500TK2 0	Lge	Std	Std	8 F	8 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)
M004 EPT4500TN4 0	Asy	Std	Std	8 F	8 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)
M004 EPT4790TMK 2	Lge	Std	Med	8 F	10 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)
M004 EPT4790TK2 0	Lge	Std	Std	8 F	10 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)
M004 EPT4500TMK2 0	Lge	Std	Med	8 F	8 mm	Reg	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)

BLAZER™ II Temperature Ablation Catheter (Valve Mapper)



Catheter Length 110 cm, Shaft 7 F (2.33 mm)/ 8 mm, Electrode Spacing 2, 5 mm, Quadripolar, Bidirectional. Indicated for use with an 8 F sheath.

Model Number	Distal Shaft			Tip Electrode			Generator Cables			Ind. Electrode
	Curve	Firmness	Type	Distal	Length	Type	Extension (3m)	BSC (1 m)	Stockert	Model (Qty)
M004 EPT5770TK2 0	Lge	Std	Std	8 F	8 mm	VM	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)
M004 EPT5770TN4 0	Asy	Std	Std	8 F	8 mm	VM	M004 613 0	M004 651 0	M004 115 0	M004 354 1 (2)

Therapeutic Catheter Cables and Accessories

Model Number	Description	Length
M004 354 1	VALLEYLAB™ Grounding Pad (Box of 50) to: MAESTRO 3000™ Pod MAESTRO 4000™ Pod Note: 2 pads are required with higher power catheters such as the BLAZER™ II XP Temperature Ablation Catheter and the BLAZER PRIME™ XP Temperature Ablation Catheter	n/a
M004 613 0	Cable from Model 21860T Pod to: BLAZER™ II Temperature Ablation Catheter BLAZER™ II HTD Temperature Ablation Catheter BLAZER™ II XP Temperature Ablation Catheter BLAZER HTD XP™ Temperature Ablation Catheter BLAZER PRIME™ Temperature Ablation Catheter BLAZER PRIME™ XP Temperature Ablation Catheter	10 ft.
M004 651 0	Cable from Model 21860T Pod to: BLAZER™ II Temperature Ablation Catheter BLAZER™ II HTD Temperature Ablation Catheter BLAZER™ II XP Temperature Ablation Catheter BLAZER HTD XP™ Temperature Ablation Catheter BLAZER PRIME™ Temperature Ablation Catheter BLAZER PRIME™ XP Temperature Ablation Catheter	3 ft.
M004 653S 0	Cable from Model 21860T Pod to: BLAZER™ II Temperature Ablation Catheter BLAZER™ II HTD Temperature Ablation Catheter BLAZER™ II XP Temperature Ablation Catheter BLAZER HTD XP™ Temperature Ablation Catheter BLAZER PRIME™ Temperature Ablation Catheter BLAZER PRIME™ XP Temperature Ablation Catheter INTELLATIP MIFI™ Box (second cable necessary)	3 ft.

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Open Irrigated Ablation Catheters

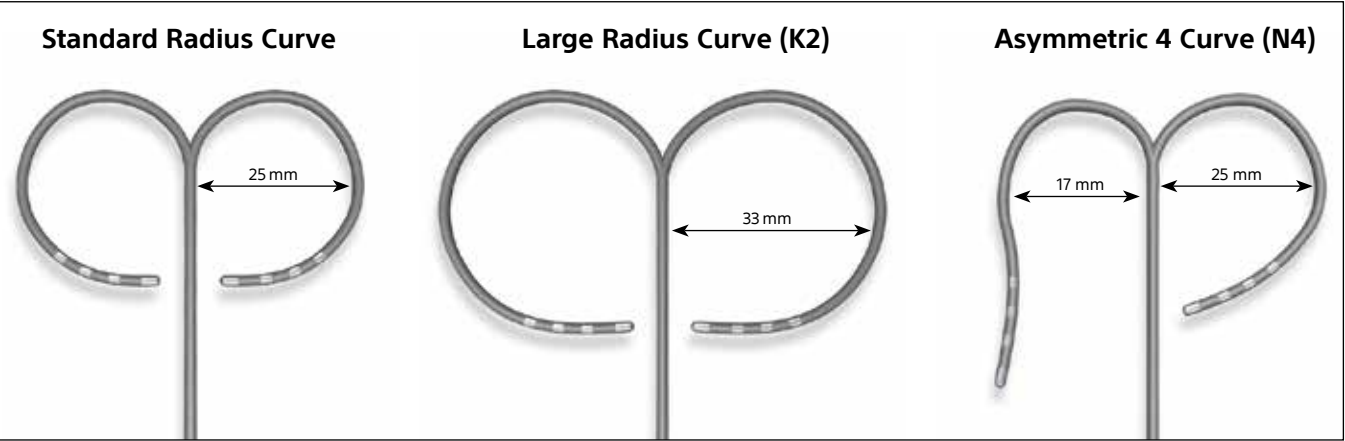
BLAZER™ Open-Irrigated Ablation Catheter



Catheter Length 110 cm, Shaft 7 F (2.33 mm), Electrode Spacing 2, 5 mm, Quadripolar, Bidirectional. Standard Torque distal Platform. 6 irrigation holes, with double cooling chambers. Indicated for use with an 8 F sheath.

Model Number	Curve Style	Shaft Size	Tip Size	Shaft Length	Generator Cables	
					BSCI MAESTRO	Stockert
M004 EPT9620 0	Std	7.5 F (2.5 mm)	7 F (2.34 mm) / 4 mm	110 cm	M004 671 0	M004 691 0
M004 EPT9620K2 0	Lge	7.5 F (2.5 mm)	7 F (2.34 mm) / 4 mm	110 cm	M004 671 0	M004 691 0
M004 EPT9620N4 0	Asy	7.5 F (2.5 mm)	7 F (2.34 mm) / 4 mm	110 cm	M004 671 0	M004 691 0

Cables and Tubing Kits	
Model Number	Description
M004 116 0	Open-Irrigated Tubing Kit Cool-Flow
M004 117 0	Open-Irrigated Tubing Kit METRIQ™
M004 671 0	Cable, BLAZER OI to MAESTRO 4000™ Pod
M004 691 0	Cable, BLAZER OI to STOCKERT, 691
M004 354 1	VALLEYLAB™ Ground Pad



Suggested catheter configurations are illustrative representations only and may not reflect actual performance.

Advanced Ablation Catheters

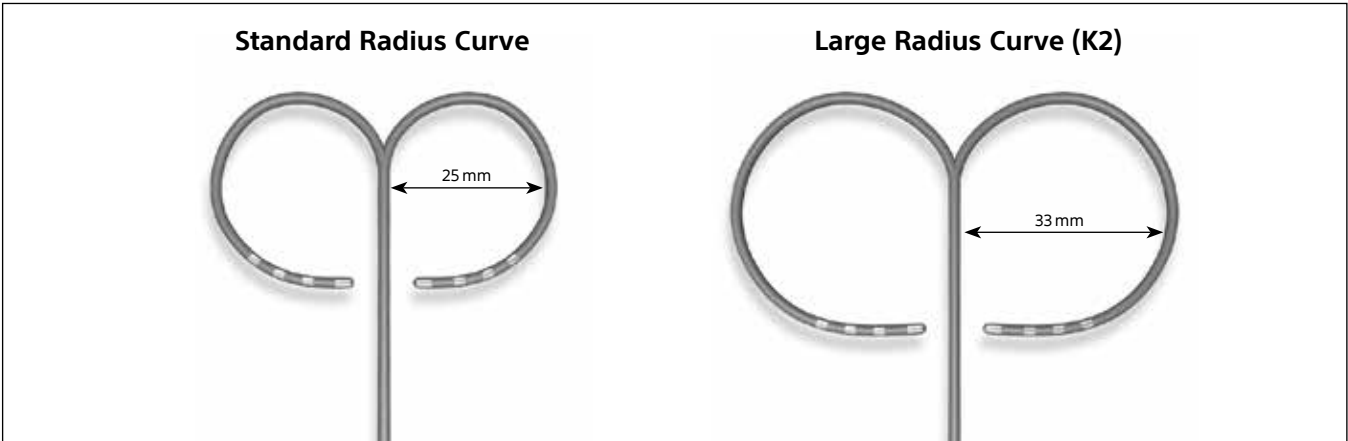
INTELLATIP MIFI™ XP Ablation Catheter



3 Mini electrodes (0.8 mm diameter) embedded in the tip electrode at 2 mm distance from the tip and equally spaced (2.5 mm center-to-center). Designed over the BLAZER PRIME™ platform.
Electrode Configuration 2.5 mm, Quadripolar.
Indicated for use with an 8.5 F sheath.

Model Number	Curve Style	Shaft Size	Tip Size	Cable Model Number
M004 EPM4500 O	Standard	7 F	8 F / 8 mm (straight)	M004 620 O
M004 EPM4500K2 O	Large	7 F	8 F / 8 mm (straight)	M004 620 O
M004 EPM4790 O	Standard	7 F	8 F / 10 mm (straight)	M004 620 O
M004 EPM4790K2 O	Large	7 F	8 F / 10 mm (straight)	M004 620 O

Cables and Accessories	
Model Number	Description
M004 1212 O	Filter Module (reference cable included)
M004 3636 O	Reference Cable from Filter Module to Pod (81 cm)
M004 620 O	Cable from Catheter to Pod and to Filter Module (3 m)
M004 6535 O	Cable from Filter Module or Pod to Recorder (2 required)
M004 115 O	Stockert EP-Shuttle adaptor (together with M0046200)
M004 354 O	Require the use of 2 VALLEYLAB™ Ground Pad



Suggested catheter configurations are illustrative representations only and may not reflect actual performance.

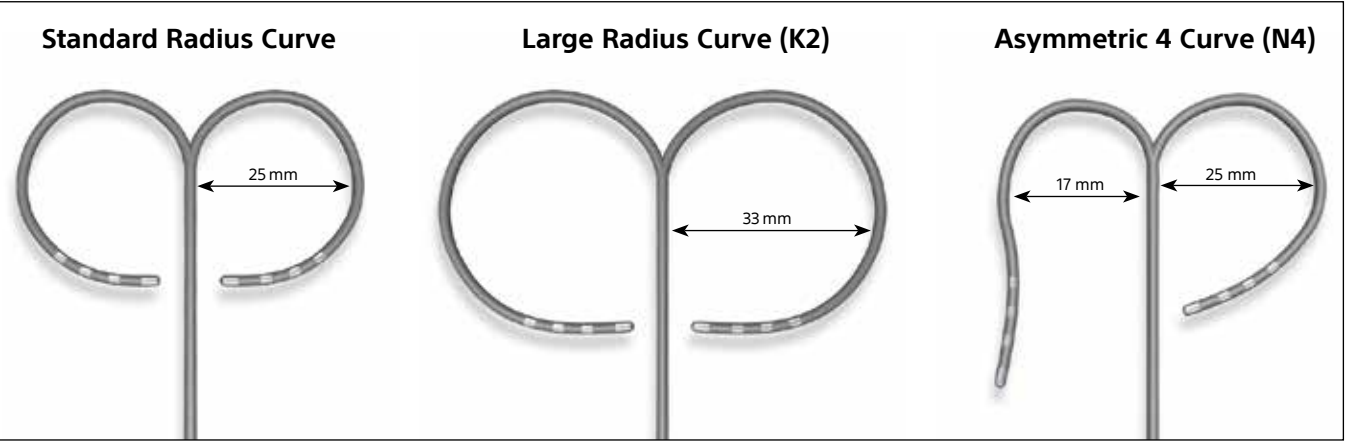
INTELLATIP MIFI™ Open-Irrigated Ablation Catheter



3 Mini electrodes (0.8 mm diameter) embedded in the tip electrode at 2 mm distance from the tip and equally spaced (2.5 mm center-to-center).
All INTELLATIP MIFI™ Open-Irrigated Ablation Catheters are 110 cm in length.
Designed for left sided procedures.
Electrode Configuration: 2.5 mm, Quadripolar.
Indicated for use with an 8.5 F sheath.

Model Number	Curve Style	Shaft Size	Tip Size	Cable Model Number
M004 EPM9620 O	Standard	7.5 F (2.5 mm)	7 F (2.33 mm) / 4.5 mm (straight)	M004 621 O
M004 EPM9620K2 O	Large	7.5 F (2.5 mm)	7 F (2.33 mm) / 4.5 mm (straight)	M004 621 O
M004 EPM9620N4 O	Asymmetric-4	7.5 F (2.5 mm)	7 F (2.33 mm) / 4.5 mm (straight)	M004 621 O

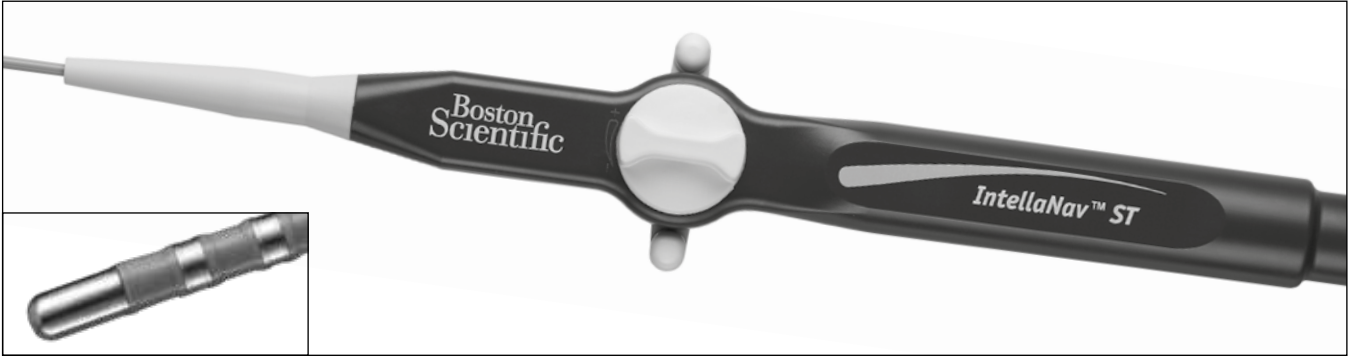
Cables and Accessories	
Model Number	Description
M004 1212 O	Filter Module (reference cable included)
M004 3636 O	Reference Cable from Filter Module to Pod (81 cm)
M004 621 O	Catheter Cable to STOCKERT/EP SHUTTLE and to Filter Module (3 m)
M004 627 O	Catheter Cable to MAESTRO 4000™ Cardiac Ablation Controller and to Filter Module – Uniflow
M004 6535 O	Catheter Cable from Filter Module or Pod to recorder 2 required in case of using MAESTRO generator, 1 required in case of using EP Shuttle generator
M004 116 O	Irrigation Tubing Set (COOLFLOW™ Pump)
M004 117 O	METRIQ™ Tubing Set
M004 354 O	Require the use of 1 VALLEYLAB™ Ground Pad



Suggested catheter configurations are illustrative representations only and may not reflect actual performance.

Rhythmia HDx™ Nav-enabled Ablation Catheters

INTELLANAV™ ST Ablation Catheter



Catheter Length 110 cm, Tip Length 4 mm, Electrode Spacing 2.5 mm, Quadripolar, Bidirectional. Indicated for use with an 8F sheath.

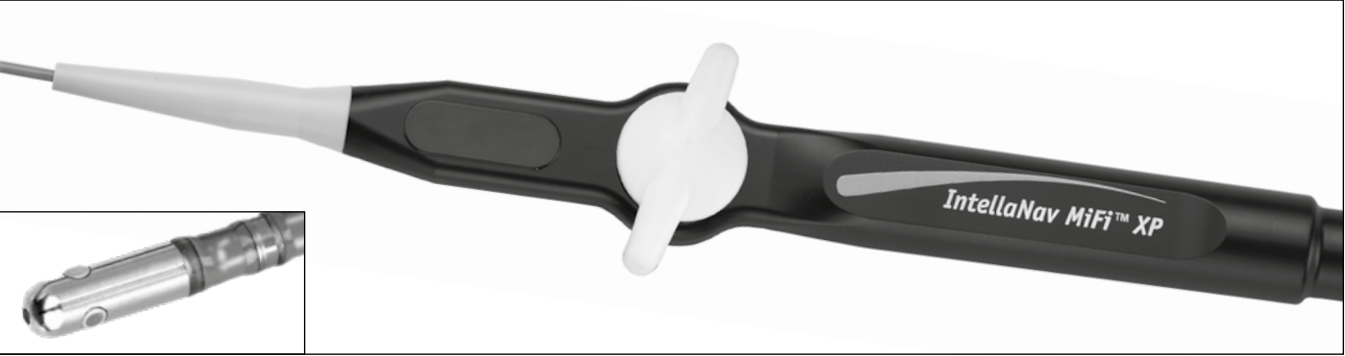
Model Number	Curve Style	Shaft Size	Tip Size	Effective Length
M004 EPTR5031TH 0	Standard	7F (2.34 mm)	7F (4 mm)	110 cm
M004 EPTR5031THK2 0	Large	7F (2.34 mm)	7F (4 mm)	110 cm

Connection Accessories to Rhythmia HDx	
Model Number	Description
M004 RARC01 0	INTELLANAV Ablation Catheter Cable 6 Ft
M004 RA6201 0	RHYTHMIA HDx Connection Box – MAESTRO
M004 RA6401 0	RHYTHMIA HDx Connection Box – SMARTABLATE
M004 RA6001 0	RHYTHMIA HDx Connection Box – STOCKERT
M004 RA6101 0	RHYTHMIA HDx Connection Box – AMPERE / IBI
M004 EPT4010 0	MAESTRO 4000 Pod
M004 354 1	Valleylab grounding pad

BSC Curves	Curves from other manufacturers
Standard	Biosense: D Curve
	Abbott: D Curve, Medium Curl, Medium Sweep
Large	Biosense: F Curve, J Curve
	Abbott: F Curve, J Curve, Large Curl, Large Sweep, Large

*For Rhythmia Gen 1 connections please see 'Connectology' table on page 22
*Catheter Curve references on page 6 are illustrative representations of suggested catheter configurations only, and may not reflect actual performance.

INTELLANAV MIFI™ XP Ablation Catheter



Catheter Length 110 cm, Tip Length 8 mm, Electrode Spacing 2.5 mm, Quadripolar, Bidirectional. Indicated for use with an 8.5F sheath.

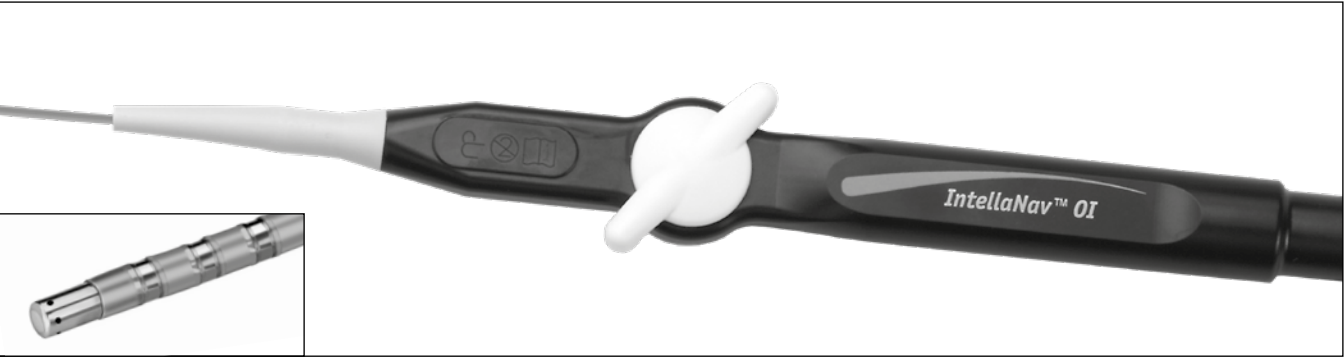
Model Number	Curve Style	Shaft Size	Tip Size	Effective Length
M004 EMR4500 0	Standard	7F (2.34 mm)	8 F (2.67 mm)	100 ± 5 cm
M004 EMR4500K2 0	Large	7F (2.34 mm)	8 F (2.67 mm)	100 ± 5 cm
M004 EMR4500N4 0	Asymmetric	7F (2.34 mm)	8 F (2.67 mm)	100 ± 5 cm

Connection Accessories to Rhythmia HDx	
Model Number	Description
M004 RARC01 0	INTELLANAV Ablation Catheter Cable 6 Ft
M004 RA6201 0	RHYTHMIA HDx Connection Box – MAESTRO
M004 RA6401 0	RHYTHMIA HDx Connection Box – SMARTABLATE
M004 RA6001 0	RHYTHMIA HDx Connection Box – STOCKERT
M004 RA6101 0	RHYTHMIA HDx Connection Box – AMPERE / IBI
M004 EPT4010 0	MAESTRO 4000 Pod
M004 354 1	Valleylab grounding pad

BSC Curves	Curves from other manufacturers
Standard	Biosense: D Curve
	Abbott: D Curve, Medium Curl, Medium Sweep
Large	Biosense: F Curve, J Curve
	Abbott: F Curve, J Curve, Large Curl, Large Sweep, Large
Asymmetric	Abbott: Small Curl, Small Sweep

*For Rhythmia Gen 1 connections please see 'Connectology' table on page 22
*Catheter Curve references on page 6 are illustrative representations of suggested catheter configurations only, and may not reflect actual performance.

INTELLANAV™ OI Open-Irrigated Ablation Catheter



Catheter Length 110 cm, Tip Length 4 mm, Electrode Spacing 2.5 mm, Quadripolar, Bidirectional. Indicated for use with an 8.5 F sheath.

Model Number	Shaft Size	Tip Size	Curve Style	Shaft Length	Spacing
M004 EPTR9620 0	7.5 F (2.5 mm)	7 F (2.34 mm) / 4 mm	Standard (STD)	110 mm	2.5 mm
M004 EPTR9620K2 0	7.5 F (2.5 mm)	7 F (2.34 mm) / 4 mm	Large (K2)	110 mm	2.5 mm
M004 EPTR9620N4 0	7.5 F (2.5 mm)	7 F (2.34 mm) / 4 mm	Asymmetric (n4)	110 mm	2.5 mm

Connection Accessories to Rhythmia HDx	
Model Number	Description
M004 RARC01 0	INTELLANAV Ablation Catheter Cable 6 Ft
M004 RA6201 0	RHYTHMIA HDx Connection Box – MAESTRO
M004 RA6401 0	RHYTHMIA HDx Connection Box – SMARTABLATE
M004 RA6001 0	RHYTHMIA HDx Connection Box – STOCKERT
M004 RA6101 0	RHYTHMIA HDx Connection Box – AMPERE / IBI
M004 EPT4010 0	MAESTRO 4000 Pod
M004 354 1	Valleylab grounding pad
M004 117 0	MetriQ™ Irrigation Tubing Se
M004 116 0	CoolFlow™ Irrigation Tubing Set

BSC Curves	Curves from other manufacturers
Standard	Biosense: D Curve
	Abbott: D Curve, Medium Curl, Medium Sweep
Large	Biosense: F Curve, J Curve
	Abbott: F Curve, J Curve, Large Curl, Large Sweep, Large
Asymmetric	Abbott: Small Curl, Small Sweep

*For Rhythmia Gen 1 connections please see 'Connectology' table on page 22
*Catheter Curve references on page 6 are illustrative representations of suggested catheter configurations only, and may not reflect actual performance.

INTELLANAV MIFI™ OI Open-Irrigated Ablation Catheter



Catheter Length 110 cm, Tip Length 4,5 mm, Electrode Spacing 2.5 mm, Quadripolar, Bidirectional. Indicated for use with an 8.5 F sheath.

Model Number	Curve Style	Shaft Size	Tip Size	Effective Length
M004 EPMR9620 0	Standard	7.5 F (2.5 mm)	7 F (2.34 mm) / 4.5 mm	110 cm
M004 EPMR9620K2 0	Large	7.5 F (2.5 mm)	7 F (2.34 mm) / 4.5 mm	110 cm
M004 EPMR9620N4 0	Asymmetric	7.5 F (2.5 mm)	7 F (2.34 mm) / 4.5 mm	110 cm

Connection Accessories to Rhythmia HDx	
Model Number	Description
M004 RARC01 0	INTELLANAV Ablation Catheter Cable 6 Ft
M004 RA6201 0	RHYTHMIA HDx Connection Box – MAESTRO
M004 RA6401 0	RHYTHMIA HDx Connection Box – SMARTABLATE
M004 RA6001 0	RHYTHMIA HDx Connection Box – STOCKERT
M004 RA6101 0	RHYTHMIA HDx Connection Box – AMPERE / IBI
M004 EPT4010 0	MAESTRO 4000 Pod
M004 354 1	Valleylab grounding pad
M004 117 0	MetriQ™ Irrigation Tubing Se
M004 116 0	CoolFlow™ Irrigation Tubing Set

BSC Curves	Curves from other manufacturers
Standard	Biosense: D Curve
	Abbott: D Curve, Medium Curl, Medium Sweep
Large	Biosense: F Curve, J Curve
	Abbott: F Curve, J Curve, Large Curl, Large Sweep, Large
Asymmetric	Abbott: Small Curl, Small Sweep

*For Rhythmia Gen 1 connections please see 'Connectology' table on page 22
*Catheter Curve references on page 6 are illustrative representations of suggested catheter configurations only, and may not reflect actual performance.

INTELLANAV STABLEPOINT™ Catheter



Electrode Configuration: Quadripolar,
Electrode Spacing 4 - 2.5 – 2.5 mm. Compatible Sheath: ≥8.5F.

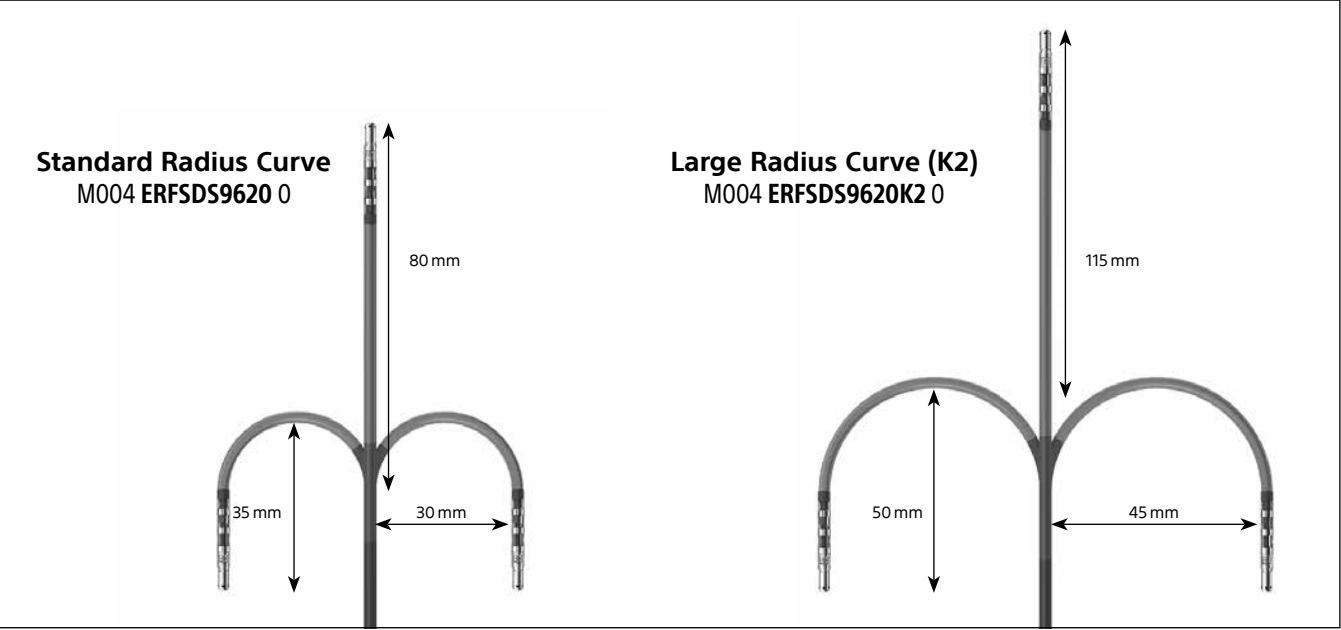
Model Number	Curve Style	Shaft Size	Tip Size	Effective Length
M004 ERFSDS9620 0	Standard	7.5 F (2.5 mm)	7F (4 mm)	110 cm
M004 ERFSDS9620K2 0	Large	7F (2.34 mm)	7F (4 mm)	110 cm

RHYTHMIA HDx™ Mapping System Components	
Model Number	Description
M004 RARC03 0	INTELLANAV STABLEPOINT Catheter Cable 200 cm (6.6. Ft)
M004 RA6301 0	INTELLANAV STABLEPOINT Connection Box - MAESTRO
M004 117 0	METRIQ™ Irrigation Tubing Set
M004 4100 0	METRIQ™ Irrigation Pump
M004 4000 0	MAESTRO 4000™ Controller
M004 EPT4010 0	MAESTRO 4000™ Pod, 150 W

BSC Curves	Curves from other manufacturers
Standard	Biosense: D Curve
	Abbott: D Curve, Medium Curl, Medium Sweep
Large	Biosense: F Curve, J Curve
	Abbott: F Curve, J Curve, Large Curl, Large Sweep, Large

Only compatible with MAESTRO 4000 Controller & METRIQ Irrigation Pump

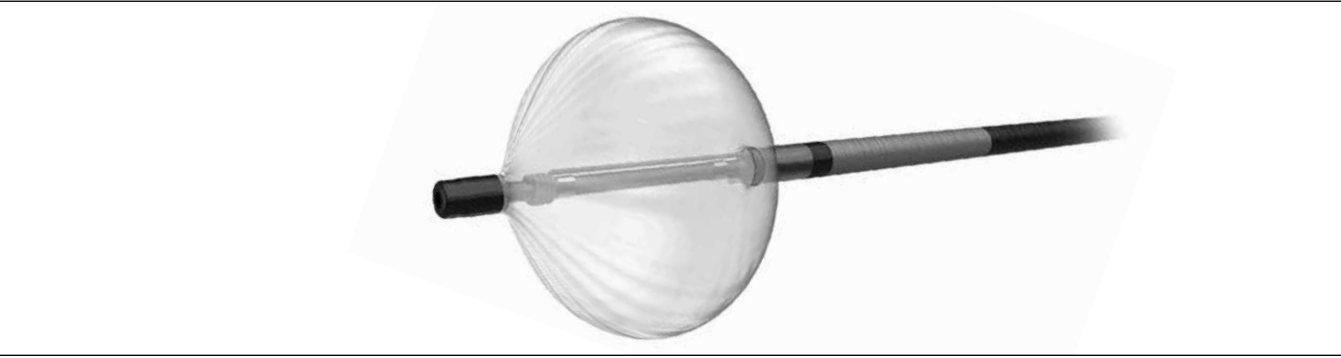
INTELLANAV STABLEPOINT™
ABLATION CATHETER



Suggested catheter configurations are illustrative representations only and may not reflect actual performance.

POLARx™ Cryoablation Catheter & Accessories

POLARx™ CryoAblation Catheter



The POLARx™ Cryoablation catheter is indicated for the treatment of patients with drug refractory paroxysmal atrial fibrillation (PAF). The POLARx™ CryoAblation Catheter & Accessories are intended to be used in conjunction with the SMARTFREEZE™ Console (see page 69).

Model Number	Description	Tip Size	Shaft Size	Effective Length	Catheter Overall Length
M004 CRBS210 0	POLARx™ Cryoablation Catheter Long Tip	12 mm	11.4 Fr	99 cm	134 cm
M004 CRBS200 0	POLARx™ Cryoablation Catheter Short Tip	5 mm	11.4 Fr	99 cm	134 cm

COMMERCIAL BUNDLES

BUN10KITPOLARXLT	POLARx Long Tip Bundle
The Bundle includes:	Description
M004 CRBS210 0	Polarx Balloon Catheter Long Tip
M004 CRBS720 0	Polarmap™ Catheter
M004 CRBS305 0	Polarsheath™ Steerable Sheath
M004 CRBS520 0	Cryo Gas Cable
M004 CRBS510 0	Smartfreeze Electrical Ext Cable
M004 CRBS620 0	Polarmap Egm Pin Breakout Cable

BUN10KITPOLARXST	POLARx Short Tip Bundle
The Bundle includes:	Description
M004 CRBS210 0	Polarx Balloon Catheter Short Tip
M004 CRBS720 0	Polarmap™ Catheter
M004 CRBS305 0	Polarsheath™ Steerable Sheath
M004 CRBS520 0	Cryo Gas Cable
M004 CRBS510 0	Smartfreeze Electrical Ext Cable
M004 CRBS620 0	Polarmap Egm Pin Breakout Cable

Accessories						
Model Number	Description	Loop Diameter	Shaft Size	Electrodes number	Electrodes Size	Electrodes Spacing
M004 CRBS720 0	POLARMAP™ Catheter	20 mm	3.3 Fr	8	1 mm	6 mm

Model Number	Description	Outer Diameter	Inner Diameter	Sheath Useable Length	Sheath Overall Length
M004 CRBS305 0	POLARSHEATH™ Steerable sheath	15.9 Fr	12.7 Fr	68 cm	82 cm

Cables	
Model Number	Description
M004 CRBS520 0	Cryo Gas Cable
M004 CRBS510 0	Smartfreeze Electrical Ext Cable
M004 CRBS620 0	Polarmap Egm Pin Breakout Cable

Catheter	Generator	Rhythmia HDx Connection Box	Rhythmia HDx Ablation connection cable	Additional Generator Connections	Max Power	Grounding Pad / Indifferent electrode	Grounding pad adaptor	Infusion Pump	Tubing set order code	Fluid infusion rate: No RF / <30W / 30-50W	Rhythmia Gen I Connections			Other accessories required
											Connection Box	Additional Generator Connections	Ablation connection cable	
INTELLANAV ST	Maestro	M004-RA62010	M004-RA6010	Maestro Pod	50W	M004-3541 (x1)	N/A	N/A	N/A	N/A	M004-RA6250-0 (INTELLANAV Connection Box - MAESTRO)	Maestro POD	M004-RA6010	M004-54415-0 (x1 Octapolar Dx Cable) M004-RH2200 (x1 Intellav 3U adaptor cable) M004-RARC20-0 (x1 3U adaptor cabl)
	Socket	M004-RA60010		Fixed cable on Rhythmia Connection box			3902X (Connection adaptor Biosense)				M004-RA6050-0 (INTELLANAV Connection Box - STOCKERT)	Fixed cable on Rhythmia Connection box		
	SmartAblate	M004-RA64010		D1300302 (Biosense ablation connector)			N/A				N/A	N/A		
	Ampere/IBI	M004-RA6010-0		Fixed cable on Rhythmia Connection box			N/A				N/A	N/A		
INTELLANAV MIFI XP	Maestro	M004-RA62010	M004-RA6010	Maestro Pod	50W	M004-3541 (x2 pads)	N/A	N/A	N/A	N/A	M004-RA6250-0 (INTELLANAV Connection Box - MAESTRO)	Maestro POD	M004-RA6010	M004-54415-0 (x1 Octapolar Dx Cable) M004-RH2200 (x1 Intellav 3U adaptor cable) M004-RARC20-0 (x1 3U adaptor cabl)
	Socket	M004-RA60010		Fixed cable on Rhythmia Connection box			3902X (Connection adaptor Biosense)				M004-RA6050-0 (INTELLANAV Connection Box - STOCKERT)	Fixed cable on Rhythmia Connection box		
	SmartAblate	M004-RA64010		D1300302 (Biosense ablation connector)			N/A				N/A	N/A		
	Ampere/IBI	M004-RA6010-0		Fixed cable on Rhythmia Connection box			N/A				N/A	N/A		
INTELLANAV MIFI OI	Maestro 4000	M004-RA62010	M004-RA6010	Maestro Pod	50W	M004-3541 (x1)	N/A	MetroQ	M004-117-0 (MetroQ™ Irrigation Tubing Set)	2/1750ml / min	M004-RA6250-0 (INTELLANAV Connection Box - MAESTRO)	Maestro POD	M004-RA6010	M004-54415-0 (x1 Octapolar Dx Cable) M004-RH2200 (x1 Intellav 3U adaptor cable) M004-RARC20-0 (x1 3U adaptor cabl)
	Socket	M004-RA60010		Fixed cable on Rhythmia Connection box			3902X (Connection adaptor Biosense)	Cool Flow	M004-116-0 (CoolFlow™ Irrigation Tubing Set)		M004-RA6050-0 (INTELLANAV Connection Box - STOCKERT)	Fixed cable on Rhythmia Connection box		
	SmartAblate	M004-RA64010		D1300302 (Biosense ablation connector)			N/A	SmartAblate	Supplied by Biosense		N/A	N/A		
	Ampere/IBI	M004-RA6010-0		Fixed cable on Rhythmia Connection box			N/A	Cool Point	Supplied by Abbott		N/A	N/A		
INTELLANAV MIFI OI	Maestro 4000	M004-RA62010	M004-RA6010	Maestro Pod	50W	M004-3541 (x1)	N/A	MetroQ	M004-117-0 (MetroQ™ Irrigation Tubing Set)	2/1750ml / min	M004-RA6250-0 (INTELLANAV Connection Box - MAESTRO)	Maestro POD	M004-RA6010	M004-54415-0 (x1 Octapolar Dx Cable) M004-RH2200 (x1 Intellav 3U adaptor cable) M004-RARC20-0 (x1 3U adaptor cabl)
	Socket	M004-RA60010		Fixed cable on Rhythmia Connection box			3902X (Connection adaptor Biosense)	Cool Flow	M004-116-0 (CoolFlow™ Irrigation Tubing Set)		M004-RA6050-0 (INTELLANAV Connection Box - STOCKERT)	Fixed cable on Rhythmia Connection box		
	SmartAblate	M004-RA64010		D1300302 (Biosense ablation connector)			N/A	SmartAblate	Supplied by Biosense		N/A	N/A		
	Ampere/IBI	M004-RA6010-0		Fixed cable on Rhythmia Connection box			N/A	Cool Point	Supplied by Abbott		N/A	N/A		
INTELLANAV STABLEPOINT	Maestro 4000	M004-RA63010	M004-RARC03-0	Maestro Pod	50W	M004-3541 (x1)	N/A	N/A	M004-117-0 (MetroQ™ Irrigation Tubing Set)	2/1750ml / min	N/A	N/A	N/A	N/A
	Socket	Not Applicable (N/A)		N/A			N/A	N/A	N/A		N/A	N/A		
	SmartAblate	Not Applicable (N/A)		N/A			N/A	N/A	N/A		N/A	N/A		
	Ampere/IBI	Not Applicable (N/A)		N/A			N/A	N/A	N/A		N/A	N/A		

Section Content

Diagnostic and Mapping Catheters

Fixed Curve Diagnostic Catheters

- WOVEN™ Fixed Curve Diagnostic Catheter
- WOVEN FLEXIE™ Fixed Curve Diagnostic Catheter
- VIKING™ Fixed Curve Diagnostic Catheter
- VIKING™ Soft Tip Diagnostic Catheter

Steerable Diagnostic Catheters

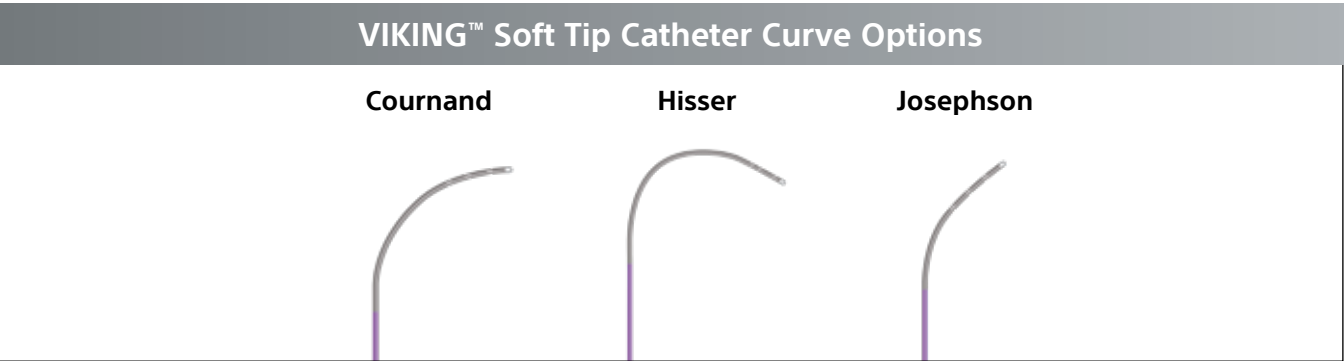
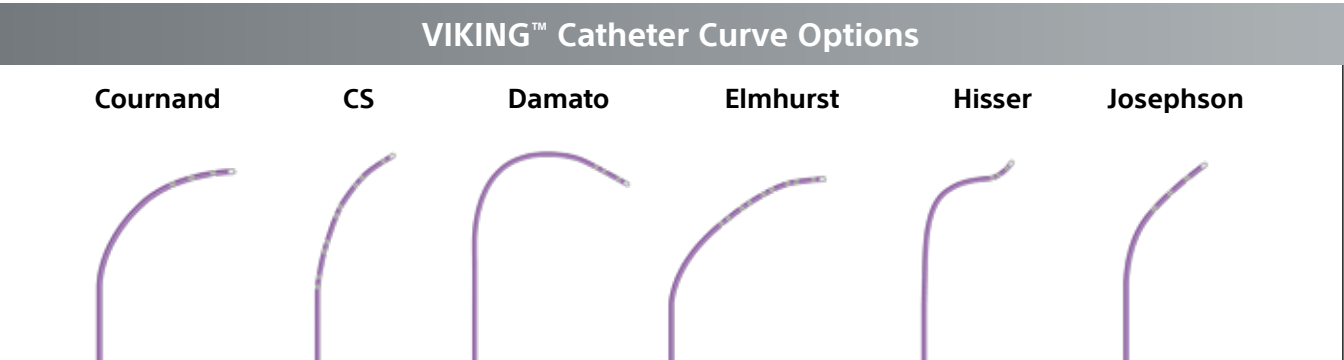
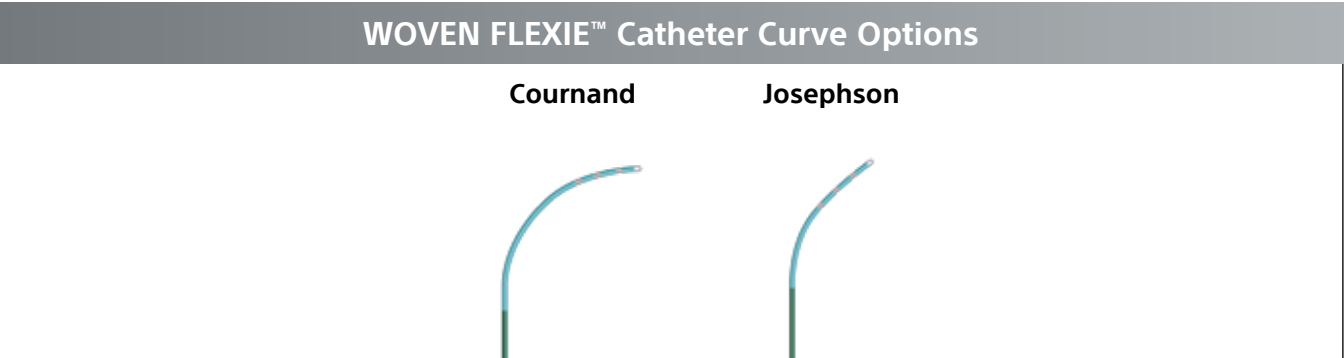
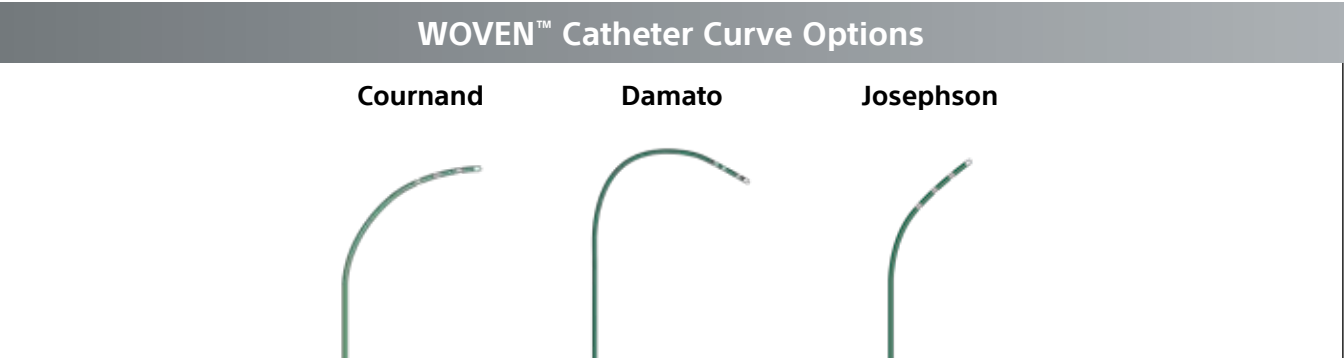
- Diagnostic Steerable Curve Options
- DYNAMIC XT™ Steerable Diagnostic Catheter 6 F
- DYNAMIC TIP™ Steerable Diagnostic Catheter 6 F
- CS ASSIST™ Steerable Diagnostic Catheter 6 F
- EP XT™ Steerable Diagnostic Catheter 6 F
- POLARIS X™ Steerable Diagnostic Catheter 6 F
- BLAZER™ DX-20 Steerable Diagnostic Catheter 7 F

Advanced Diagnostics Catheters

- Orbiter™ PV Mapping Catheter 7.5 F Tapered Tip Loop

Diagnostic Catheter Cables

Diagnostic Fixed Curve Options



Suggested catheter configurations are illustrative representations only and may not reflect actual performance.

Fixed Curve Diagnostic Catheters



WOVEN Bipolar						
Model Number	French Size	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 191001 0	6 F	2	Cournand	10 mm	125 cm	M004 200088P 0

WOVEN Quadripolar						
Model Number	French Size	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 200150 0	4 F	4	Cournand	2, 5, 2 mm	80 cm	M004 008568P 0
M004 200151 0	4 F	4	Josephson	2, 5, 2 mm	80 cm	M004 008568P 0
M004 4FMC00544 0	4 F	4	Josephson	5 mm	110 cm	M004 200088P 0
M004 4FMC00303 0	4 F	4	Josephson	2, 5, 2 mm	110 cm	M004 008568P 0
M004 200056E 0	5 F	4	Cournand	10 mm	110 cm	M004 200088P 0
M004 200058E 0	5 F	4	Josephson	10 mm	110 cm	M004 200088P 0
M004 200060E 0	5 F	4	Josephson	5 mm	110 cm	M004 200088P 0
M004 201400 0	5 F	4	Damato	10 mm	110 cm	M004 008568P 0
M004 200580E 0	5 F	4	Cournand	5 mm	110 cm	M004 200088P 0
M004 200581 0	5 F	4	Cournand	2, 5, 2 mm	110 cm	M004 008568P 0
M004 200060 0	5 F	4	Josephson	5 mm	110 cm	M004 008568P 0
M004 200583 0	6 F	4	Cournand	2, 5, 2 mm	125 cm	M004 200088P 0
M004 200584 0	6 F	4	Josephson	2, 5, 2 mm	125 cm	M004 200088P 0
M004 6FMC00468 0	6 F	4	Josephson	5 mm	120 cm	M004 200088P 0
M004 200582 0	6 F	4	Cournand	2, 5, 2 mm	110 cm	M004 008568P 0
M004 006798P 0	6 F	4	Josephson	5 mm	120 cm	M004 008568P 0

WOVEN Quadripolar with SURELINK Connectors						
Model Number	French Size	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 006245S 0	6 F	4	Cournand	10 mm	110 cm	See Chart Below
M004 200624S 0	6 F	4	Josephson	5 mm	120 cm	See Chart Below
M004 200066S 0	6 F	4	Cournand	5 mm	125 cm	See Chart Below
M004 200201S 0	6 F	4	Josephson	10 mm	125 cm	See Chart Below
M004 6FMC00677 0	6 F	4	Josephson	5 mm	120 cm	See Chart Below
M004 6FSC0007S 0	6 F	4	Josephson	5 mm	120 cm	See Chart Below

Cable		
Model Number	Description	Cable Length
M004 560002A 0	Protected 4-pin SURELINK cable	120 cm
M004 560002BA 0	Protected 4-pin (Blue) SURELINK	120 cm
M004 560002RA 0	Protected 4-pin (Red) SURELINK	120 cm
M004 560002YA 0	Protected 4-pin (Yellow) SURELINK	120 cm
M004 560003A 0	Protected 4-pin SURELINK cable	210 cm

WOVEN Pentapolar						
Model Number	French Size	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 201401 0	6 F	5	Josephson	5, 5, 5, 282 mm	120 cm	M004 200089P 0
M004 200594 0	6 F	5	Josephson	5, 5, 5, 152 mm	120 cm	M004 200089P 0

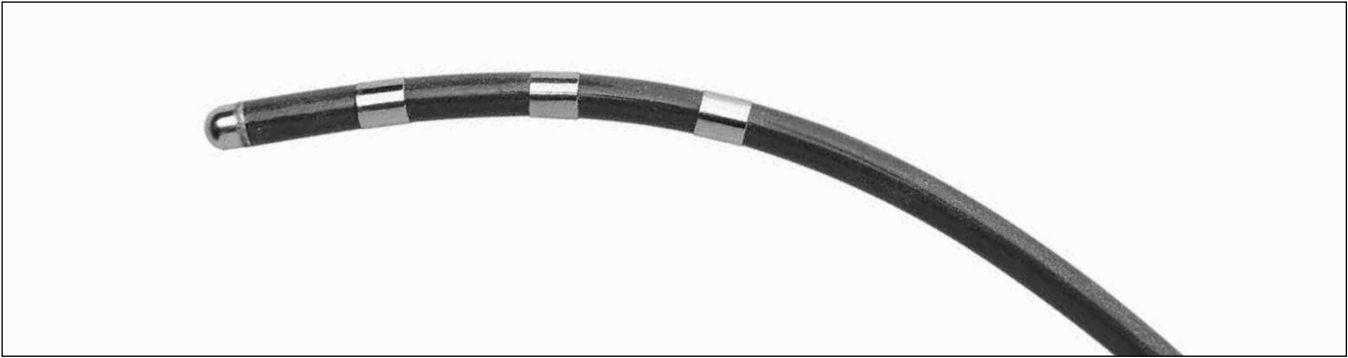
WOVEN Hexapolar						
Model Number	French Size	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 200204E 0	5 F	6	Cournand	5 mm	110 cm	M004 200089P 0
M004 6FMC00821 0	6 F	6	Cournand	5 mm	125 cm	M004 560004A 0

WOVEN Decapolar						
Model Number	French Size	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 200355 0	6 F	10	Cournand	5 mm	125 cm	M004 006590P 0
M004 200211 0	6 F	10	Cournand	2, 5, 2 mm	125 cm	M004 006590P 0
M004 200212 0	6 F	10	Cournand	2 mm	125 cm	M004 006590P 0
M004 6FMC00242 0	6 F	10	Josephson	1, 10, 1 mm	125 cm	M004 006590P 0
M004 6FMC00735 0	6 F	10	Cournand	5 mm	125 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 6FMC00702 0	6 F	10	Cournand	2, 5, 2 mm	125 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 6FMC00809 0	6 F	10	Josephson	1, 10, 1 mm	125 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)

WOVEN 12-Electrodes						
Model Number	French Size-1	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 200693 0	6 F	12	Cournand	10 mm	125 cm	M004 200089P 0 x 2 each

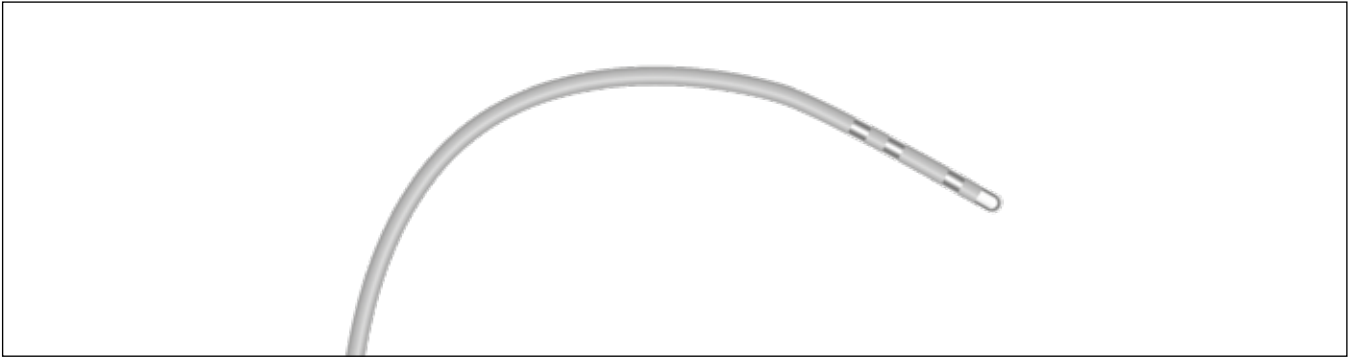
WOVEN 24-Electrodes						
Model Number	French Size	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 242403 0	6 F	24	Orbiter Small	2, 7, 2 mm	110 cm	M004 200774P 0 x 3 each
M004 242404 0	6 F	24	Orbiter Large	2, 7, 2 mm	110 cm	M004 200774P 0 x 3 each
M004 242406 0	6 F	24	Orbiter Large	2, 9, 2 mm	110 cm	M004 200774P 0 x 3 each
M004 6FMC00798 0	6 F	24	Large	2, 9, 2 mm	100 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)

WOVEN FLEXIE™ Fixed Curve Diagnostic Catheter



WOVEN FLEXIE Quadripolar and Pentapolar						
Model Number	French Size	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 200596 0	5 F	4	Cournand	5 mm	120 cm	M004 200088P 0
M004 200597 0	5 F	4	Josephson	5 mm	120 cm	M004 200088P 0
M004 5FMC00792 0	5 F	5	Josephson	5, 5, 380 mm	110 cm	M004 200088P 0
M004 500202 0	6 F	4	Cournand	5 mm	120 cm	M004 200088P 0
M004 500203 0	6 F	4	Josephson	5 mm	120 cm	M004 200088P 0

VIKING™ Fixed Curve Diagnostic Catheter



VIKING Bipolar						
Model Number	French Size	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 400039 0	5 F	2	Josephson	10 mm	115 cm	See Chart Below
M004 400040 0	5 F	2	Cournand	10 mm	115 cm	See Chart Below
M004 400037 0	6 F	2	Josephson	10 mm	115 cm	See Chart Below
M004 400038 0	6 F	2	Cournand	10 mm	115 cm	See Chart Below

Cable		
Model Number	Description	Cable Length
M004 560002A 0	Protected 4-pin SURELINK cable	120 cm
M004 560002BA 0	Protected 4-pin (Blue) SURELINK	120 cm
M004 560002RA 0	Protected 4-pin (Red) SURELINK	120 cm
M004 560002YA 0	Protected 4-pin (Yellow) SURELINK	120 cm
M004 560003A 0	Protected 4-pin SURELINK cable	210 cm

VIKING Quadripolar						
Model Number	French Size	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 400041 0	5 F	4	Josephson	2 mm	115 cm	See Chart Below
M004 400044 0	5 F	4	Josephson	5 mm	115 cm	See Chart Below
M004 400045 0	5 F	4	Cournand	5 mm	115 cm	See Chart Below
M004 400046 0	5 F	4	Damato	5 mm	115 cm	See Chart Below
M004 400051 0	5 F	4	Cournand	10 mm	115 cm	See Chart Below
M004 400047 0	5 F	4	Josephson	2, 5, 2 mm	115 cm	See Chart Below
M004 400048 0	5 F	4	Cournand	2, 5, 2 mm	115 cm	See Chart Below
M004 400123 0	5 F	4	Hisser	2, 5, 2 mm	115 cm	See Chart Below
M004 400124 0	5 F	4	Hisser	5 mm	115 cm	See Chart Below
M004 400001 0	6 F	4	Josephson	2 mm	115 cm	See Chart Below
M004 400002 0	6 F	4	Cournand	2 mm	115 cm	See Chart Below
M004 400004 0	6 F	4	Josephson	5 mm	115 cm	See Chart Below
M004 400005 0	6 F	4	Cournand	5 mm	115 cm	See Chart Below
M004 400006 0	6 F	4	Damato	5 mm	115 cm	See Chart Below
M004 400007 0	6 F	4	Josephson	2, 5, 2 mm	115 cm	See Chart Below
M004 400008 0	6 F	4	Cournand	2, 5, 2 mm	115 cm	See Chart Below
M004 400009 0	6 F	4	Damato	2, 5, 2 mm	115 cm	See Chart Below
M004 400010 0	6 F	4	Josephson	10 mm	115 cm	See Chart Below
M004 400011 0	6 F	4	Cournand	10 mm	115 cm	See Chart Below
M004 400012 0	6 F	4	Damato	10 mm	115 cm	See Chart Below
M004 400119 0	6 F	4	Hisser	2 mm	115 cm	See Chart Below
M004 400120 0	6 F	4	Hisser	2, 5, 2 mm	115 cm	See Chart Below
M004 400121 0	6 F	4	Hisser	5 mm	115 cm	See Chart Below
M004 400102 0	6 F	4	Levine	5 mm	115 cm	See Chart Below

Cable		
Model Number	Description	Cable Length
M004 560002A 0	Protected 4-pin SURELINK cable	120 cm
M004 560002BA 0	Protected 4-pin (Blue) SURELINK	120 cm
M004 560002RA 0	Protected 4-pin (Red) SURELINK	120 cm
M004 560002YA 0	Protected 4-pin (Yellow) SURELINK	120 cm
M004 560003A 0	Protected 4-pin SURELINK cable	210 cm

VIKING Hexapolar						
Model Number	French Size	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 400057 0	5 F	6	Cournand	5 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400060 0	5 F	6	Cournand	2, 5, 2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400061 0	5 F	6	Damato	2, 5, 2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400016 0	6 F	6	Josephson	5 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400019 0	6 F	6	Josephson	2, 5, 2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400020 0	6 F	6	Cournand	2, 5, 2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)

VIKING Octapolar						
Model Number	French Size	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 400027 0	6 F	8	Josephson	2, 5, 2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)

VIKING Decapolar						
Model Number	French Size	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 400096 0	5 F	10	CS	2, 5, 2 mm	65 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400070 0	5 F	10	Josephson	2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400074 0	5 F	10	Josephson	2, 5, 2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400103 0	5 F	10	CS	2,8,2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400073 0	5 F	10	Cournand	5 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400075 0	5 F	10	Cournand	2, 5, 2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 5FVS00066 0	5 F	10	Josephson	2, 9, 2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400099 0	6 F	10	CS	2, 5, 2 mm	65 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400030 0	6 F	10	Josephson	2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400031 0	6 F	10	Cournand	2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400033 0	6 F	10	Cournand	5 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400034 0	6 F	10	Josephson	2, 5, 2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400035 0	6 F	10	Cournand	2, 5, 2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400036 0	6 F	10	Damato	2, 5, 2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400107 0	6 F	10	Elmhurst	2, 5, 2 mm	65 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 6FVS00065 0	6 F	10	Josephson	2, 9, 2 mm	115 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)

VIKING™ Soft Tip Diagnostic Catheter



VIKING Soft Tip Bipolar and Quadripolar						
Model Number	French Size	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 400538 0	6 F	2	Cournand	10 mm	110 cm	See Chart Below
M004 400505 0	6 F	4	Cournand	5 mm	110 cm	See Chart Below
M004 400508 0	6 F	4	Cournand	2, 5, 2 mm	110 cm	See Chart Below
M004 400501 0	6 F	4	Josephson	2 mm	110 cm	See Chart Below
M004 400510 0	6 F	4	Josephson	10 mm	110 cm	See Chart Below
M004 405119 0	6 F	4	Hisser	2 mm	110 cm	See Chart Below
M004 405120 0	6 F	4	Hisser	2, 5, 2 mm	110 cm	See Chart Below
M004 405121 0	6 F	4	Hisser	5 mm	110 cm	See Chart Below

Cable		
Model Number	Description	Cable Length
M004 560002A 0	Protected 4-pin SURELINK cable	120 cm
M004 560002BA 0	Protected 4-pin (Blue) SURELINK	120 cm
M004 560002RA 0	Protected 4-pin (Red) SURELINK	120 cm
M004 560002YA 0	Protected 4-pin (Yellow) SURELINK	120 cm
M004 560003A 0	Protected 4-pin SURELINK cable	210 cm

VIKING Soft Tip Decapolar						
Model Number	French Size	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 400531 0	6 F	10	Cournand	2 mm	110 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 400535 0	6 F	10	Cournand	2, 5, 2 mm	110 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)

Steerable Diagnostic Catheters

Diagnostic Steerable Curve Options

Bidirectional

BLAZER™ DX-20

Super Large

Medium

Unidirectional

CS Assist

Large 4.0

DYNAMIC™ Tip

Large 4.0

DYNAMIC XT™

Large 4.0

EP•XT™

Large 4.0

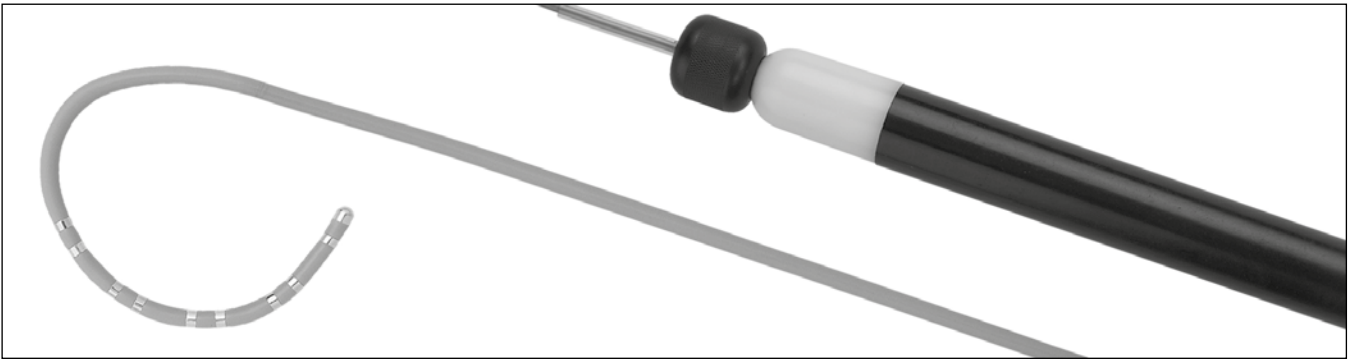
POLARIS™ X

270° Standard

Suggested catheter configurations are illustrative representations only and may not reflect actual performance.

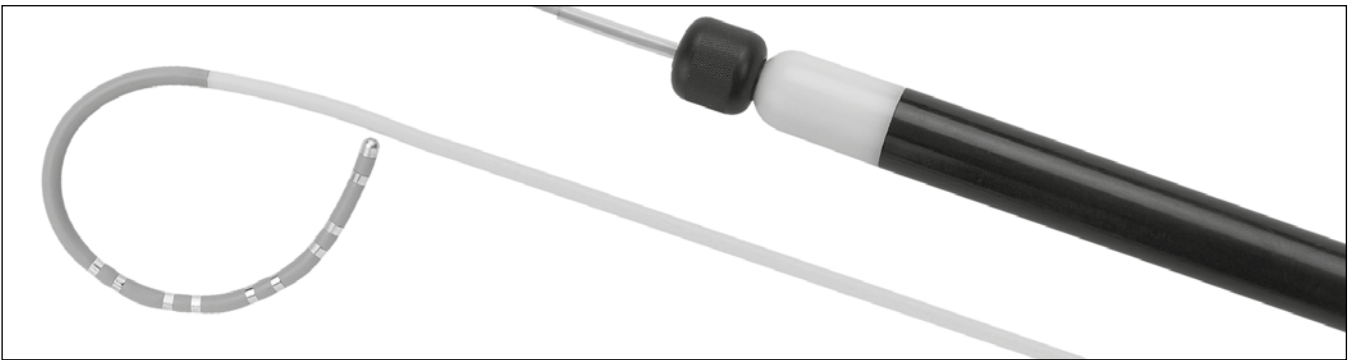
Steerable Diagnostic Catheters

DYNAMIC XT™ Steerable Diagnostic Catheter 6 F



Model Number	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 201103 0	4	Large 4.0	2, 5, 2 mm	110 cm	M004 200088P 0
M004 201104 0	4	Large 4.0	5 mm	110 cm	M004 200088P 0
M004 201110 0	4	Large 4.0	10 mm	110 cm	M004 200088P 0
M004 201113 0	6	Large 4.0	5 mm	110 cm	M004 200089P 0
M004 201109 0	6	Large 4.0	10 mm	110 cm	M004 200089P 0
M004 201114 0	6	Large 4.0	1 mm	110 cm	M004 200089P 0
M004 201105 0	8	Large 4.0	2, 5, 2 mm	110 cm	M004 200774P 0
M004 201106 0	8	Large 4.0	2 mm	110 cm	M004 200774P 0
M004 201108 0	8	Large 4.0	2, 10, 2 mm	110 cm	M004 200774P 0
M004 201107 0	8	Large 4.0	5 mm	110 cm	M004 200774P 0
M004 201102 0	10	Large 4.0	2, 6, 2 mm	110 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 201101 0	10	Large 4.0	2, 5, 2 mm	110 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)
M004 6DYNXT009 0	4	Large 4.0	2, 5, 2 mm	110 cm	M004 200088P 0
M004 6DYNXT011 0	4	Large 4.0	5 mm	110 cm	M004 200088P 0

DYNAMIC TIP™ Steerable Diagnostic Catheter 6 F

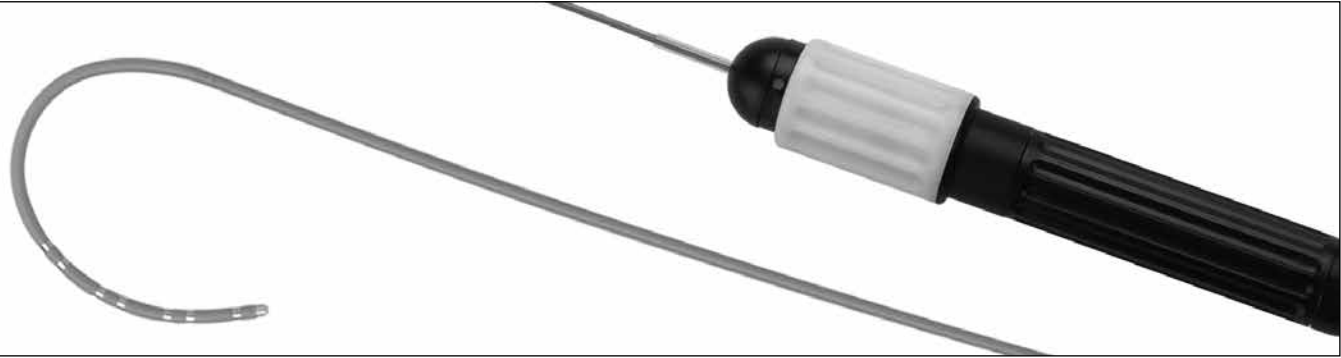


Model Number	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 6DYNTP001 0	10	Large 4.0	2, 5, 2 mm	110 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)

CS ASSIST™ Steerable Diagnostic Catheter 6 F

Model Number	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 6DYNXT014 0	2	Large 4.0	5 mm	65 cm	M004 560002A 0

EP XT™ Steerable Diagnostic Catheter 6 F



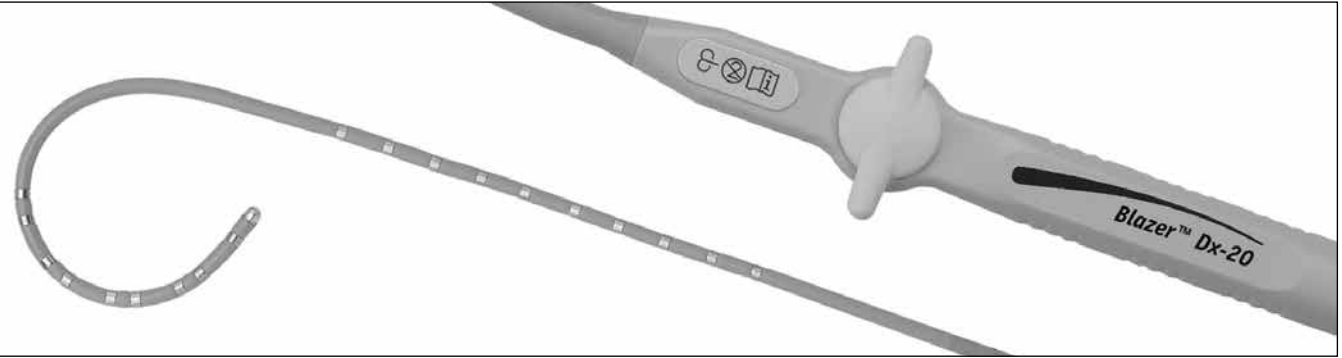
Model Number	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 200770 0	4	Large 4.0	2, 5, 2 mm	110 cm	M004 200088P 0
M004 200769 0	4	Large 4.0	5 mm	110 cm	M004 200088P 0
M004 200794 0	8	Large 4.0	2, 5, 2 mm	110 cm	M004 200774P 0
M004 200797 0	8	Large 4.0	2, 10, 2 mm	110 cm	M004 200774P 0
M004 200795 0	8	Large 4.0	2 mm	110 cm	M004 200774P 0
M004 200796 0	8	Large 4.0	5 mm	110 cm	M004 200774P 0
M004 201007 0	10	Large 4.0	2, 5, 2 mm	110 cm	M004 560004A 0 (120 cm) M004 560001A 0 (210 cm)

POLARIS X™ Steerable Diagnostic Catheter 6 F



Model Number	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 7000D 0	10	270° Standard	2.5 mm	105 cm	M004 5454S 0
M004 7003D 0	10	270° Standard	2.5, 5, 2.5 mm	105 cm	M004 5454S 0
M004 7005D 0	10	270° Standard	2, 10, 2 mm	105 cm	M004 5454S 0

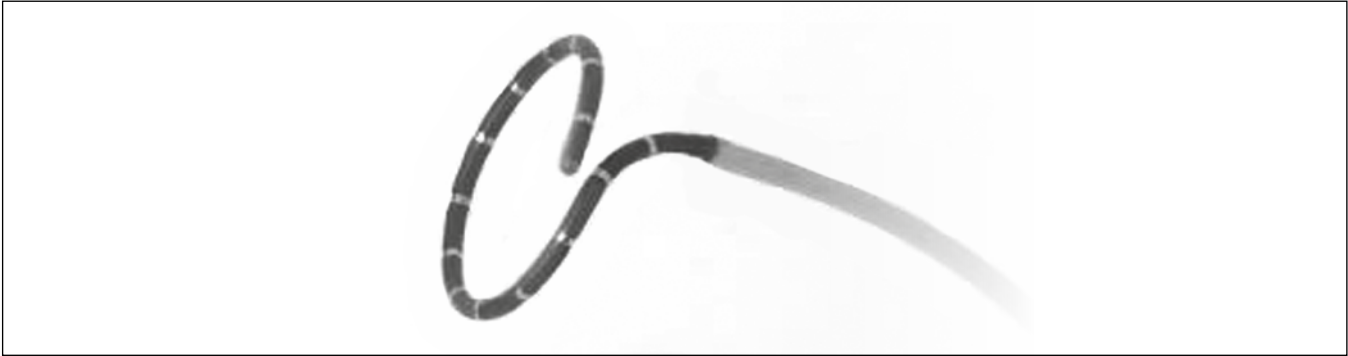
BLAZER™ DX-20 Steerable Diagnostic Catheter 7 F



Model Number	Number of Electrodes	Curve Style	Electrode Spacing	Usable Length	Cables
M004 20M252 0	20	Medium	2, 5, 2 mm	109 cm	M004 20S 0
M004 20M21035 0	20	Medium	2, 10, 2, 10, 2, 10, 2, 10, 2, 35, 2, 10, 2, 10, 2, 10, 2, 10, 2 mm	109 cm	M004 20S 0
M004 20SL2102 0	20	Super-Large	2, 10, 2 mm	100 cm	M004 20S 0
M004 20SL282 0	20	Super-Large	2, 8, 2 mm	100 cm	M004 20S 0
M004 20SL2860 0	20	Super-Large	2, 8, 2, 8, 2, 8, 2, 8, 2, 60, 2, 8, 2, 8, 2, 8, 2, 8, 2 mm	100 cm	M004 20S 0
M004 20SL555 0	20	Super-Large	5, 5, 5 mm	100 cm	M004 20S 0

Advanced Diagnostics Catheters

ORBITER™ PV Mapping Catheter 7.5 F Tapered Tip Loop



Model Number	Number of Electrodes	Basket Diameter	Electrode Spacing	Catheter Length
M004 320100 0	14	14.5 - 25 mm variable loop	5 mm	105 cm

Cable		
Model Number	Description	Cable Length
M004 390008P 0	Protected 14-pin ORBITER PV Cable	185 cm
M004 390009PA 0	Protected 14-pin ORBITER PV Cable, AES	185 cm

Diagnostic Catheter Cables

Cable Model No.	Description	Length
M004 5454S 0 	10-pole male Quick Connect to 10 pins 2 mm For use with POLARIS X™ Steerable Decapolar Mapping Catheter	5 ft.
M004 205 0	20-pole female Quick Connect to 20 pins 2 mm For use with BLAZER™ DX-20 Bidirectional Duodecapolar	5 ft.
M004 200088P 0	Protected 4-pin EASY-MATE™ cable	125 cm
M004 008568P 0 	Protected 4-pin cable	125 cm
M004 560002A 0 M004 560002BA 0 M004 560002RA 0 M004 560002YA 0 M004 560003A 0 	4-PIN SURELINK 4-PIN SURELINK (Blue) 4-PIN SURELINK (Red) 4-PIN SURELINK (Yellow) 4-PIN SURELINK	120 cm 120 cm 120 cm 120 cm 210 cm
M004 200089P 0 	Protected 6-pin EASY-MATE™ Cable	125 cm
M004 200774P 0	Protected 8-pin EASY-MATE™ cable	125 cm
M004 560004A 0 M004 560001A 0	Protected 10-pin SURELINK Cable Protected 10-pin SURELINK Cabl	120cm 210 cm
M004 390003P 0 M004 390004P 0	Protected 24-pin ORBITER ST™ cable Protected 24-pin ORBITER ST™ cable	120 cm 210 cm

Section Content

Access

Needles

TSX™ Transseptal Needle

Fixed Sheaths

TSX™ Fixed Sheath

Steerable Sheaths

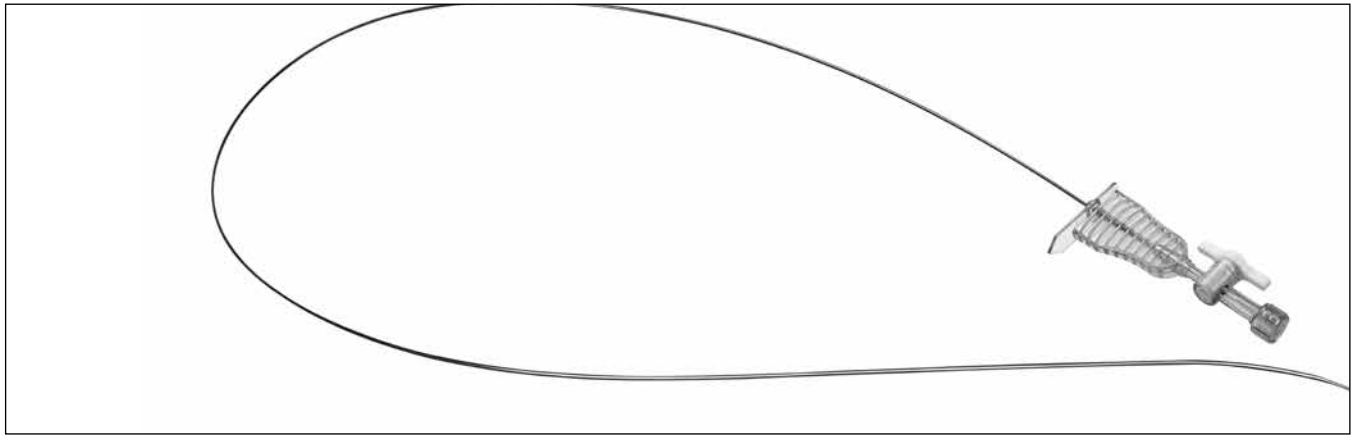
ZURPAZ 8.5F™ Steerable Sheath

DIREX™ Steerable Sheath

CHANNEL™ Steerable Sheath

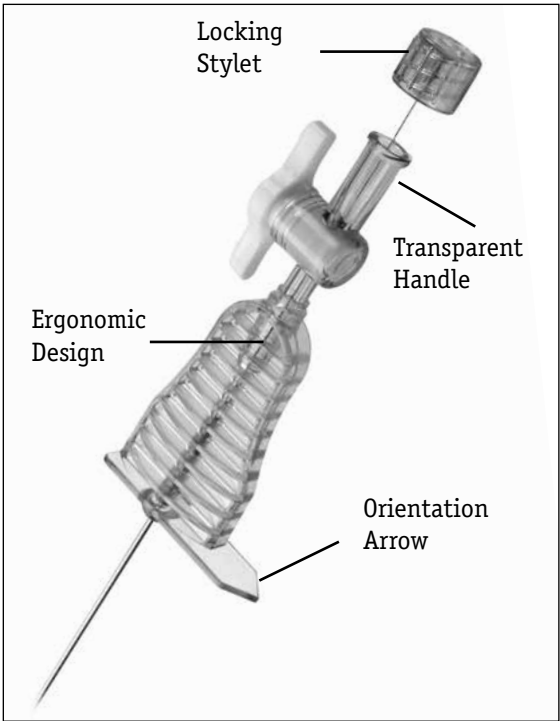
Needles

TSX™ Transseptal Needle



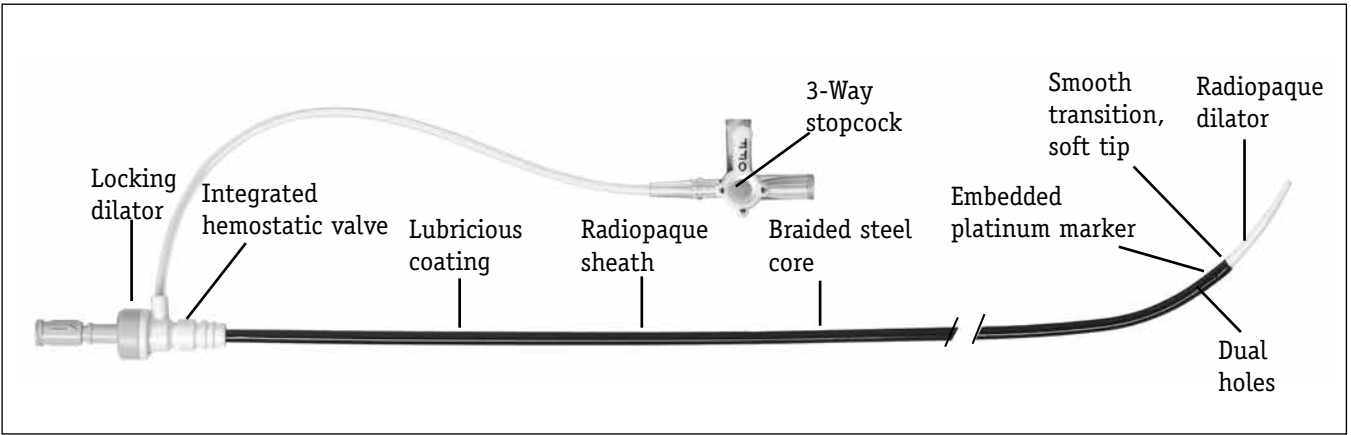
Model Number	Gauge	Length	Curve Degree
M004 TSXNEEDLE10 0	18	71 cm	50° Standard Curve
M004 TSXNEEDLE20 0	18	71 cm	86° Large Curve
M004 TSXNEEDLE30 0	18	89 cm	50° Standard Curve
M004 TSXNEEDLE40 0	18	89 cm	86° Large Curve
M004 TSXNEEDLE50 0	18	98 cm	50° Standard Curve
M004 TSXNEEDLE60 0	18	95 cm	86° Large Curve

- Kit Contains:
- 18 Gauge SS Needle with 21 Gauge SS Needle Tip
 - Locking Stylet



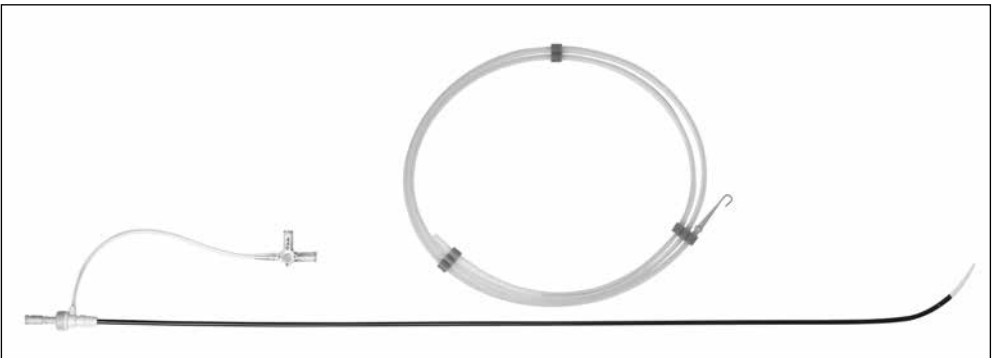
Fixed Sheaths

TSX™ Fixed Sheath



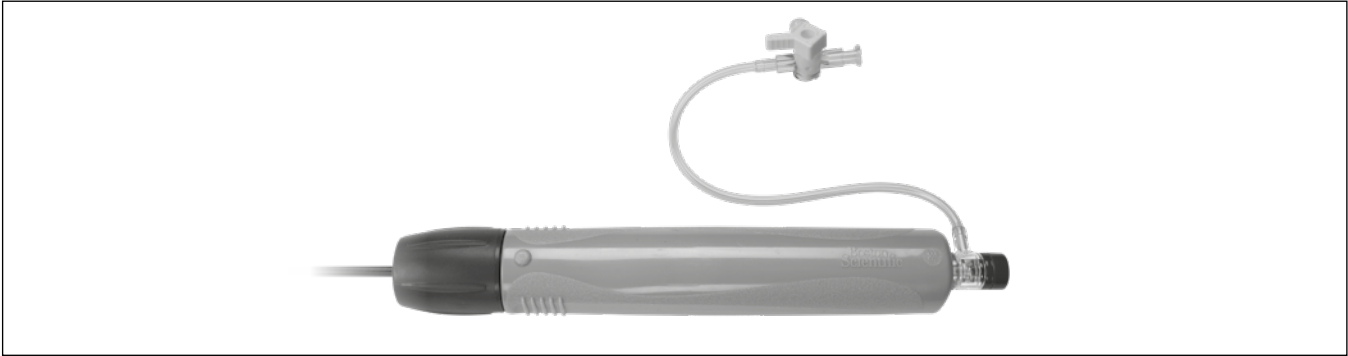
Model Number	French Size	Length	Curve Degree
M004 TSXFS10 0	8.5 F	60 cm	15° Curve
M004 TSXFS20 0	8.5 F	60 cm	30° Curve
M004 TSXFS30 0	8.5 F	60 cm	55° Curve
M004 TSXFS40 0	8.5 F	60 cm	120° Small Curve
M004 TSXFS50 0	8.5 F	60 cm	120° Large Curve
M004 TSXFS60 0	8.5 F	60 cm	150° Curve
M004 TSXFS70 0	8.5 F	79.4 cm	15° Curve
M004 TSXFS80 0	8.5 F	79.4 cm	55° Curve
M004 TSXFS90 0	8.5 F	79.4 cm	90° Curve
M004 TSXFS110 0	8.5 F	79.4 cm	120° Large Curve
M004 TSXFS120 0	8.5 F	101.4 cm	55° Curve

- TSX Fixed Curve Kit Contains:
- Braided Transseptal Sheath
 - Dilator
 - J-tipped Guidewire



Steerable Sheaths

ZURPAZ™ 8.5 F Steerable Sheath



Model Number	Curve	Inner Diameter Compatibility	Outer Diameter Compatibility	Overall Length	Working Length	Tip Curve Dimension
M004 EPTMC8530 0	Symmetric	8.7F	12F	92 cm	72 cm	22.4 cm - 200
M004 EPTMCA8540 0	Asymmetric	8.7F	12F	92 cm	72 cm	22.4 cm - 200 + extended curve

- Kit contains:
- Steerable Sheath
 - Dilator
 - Guidewire 0.032", 180 cm Length

DIREX™ Steerable Sheath



Model Number	French Size	Sheath Inner Diameter (ID)	Sheath Outer Diameter (OD)	Working Length	Curve Size	Curve Sweep	Overall Length
M004 DS10 0	8.5 F	8.9 F	12.3 F	71 cm	Small (17 mm)	50° Curve	91 cm
M004 DS20 0	8.5 F	8.9 F	12.3 F	71 cm	Medium (22 mm)	50° Curve	91 cm
M004 DS30 0	8.5 F	8.9 F	12.3 F	71 cm	Large (50 mm)	50° Curve	91 cm
M004 DS10S 0	8.5 F	8.9 F	12.3 F	71 cm	Small (17 mm)	Straight	91 cm
M004 DS20S 0	8.5 F	8.9 F	12.3 F	71 cm	Medium (22 mm)	Straight	91 cm
M004 DS30S 0	8.5 F	8.9 F	12.3 F	71 cm	Large (50 mm)	Straight	91 cm
M004 DS40 0	10 F	10 F	14.1 F	67 cm	Medium (22 mm)	50° Curve	88 cm
M004 DS40S 0	10 F	10 F	14.1 F	67 cm	Medium (22 mm)	Straight	88 cm
M004 DS50 0	12 F	12 F	15.9 F	67 cm	Large (50 mm)	50° Curve	88 cm
M004 DS50S 0	12 F	12 F	15.9 F	67 cm	Large (50 mm)	Straight	88 cm

Transseptal Needle – Compatibility 98 cm

- Kit contains:
- Steerable Sheath
 - Sheath Dilator

CHANNEL™ Steerable Sheath



Model Number	French Size	Sheath Inner Diameter (ID)	Sheath Outer Diameter (OD)	Sheath Length	Curve Size
M004 CS10 0	8 F	8.3 F	11.4 F	67 cm	Standard
M004 CS20 0	9 F	9.8 F	12.6 F	67 cm	Standard

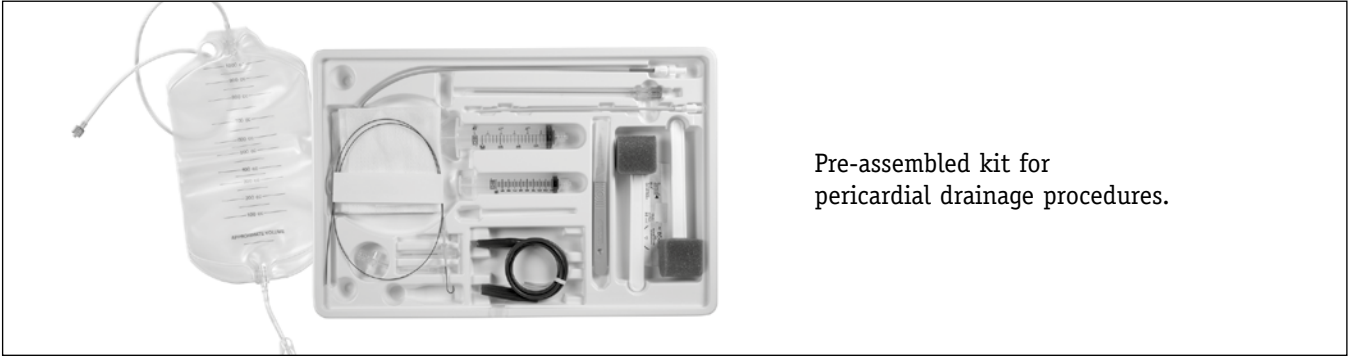
Section Content

Accessories

PERIVAC™ Pericardiocentesis Kit
ULTRA ICE™ PLUS

Accessories

PERIVAC™ Pericardiocentesis Kit

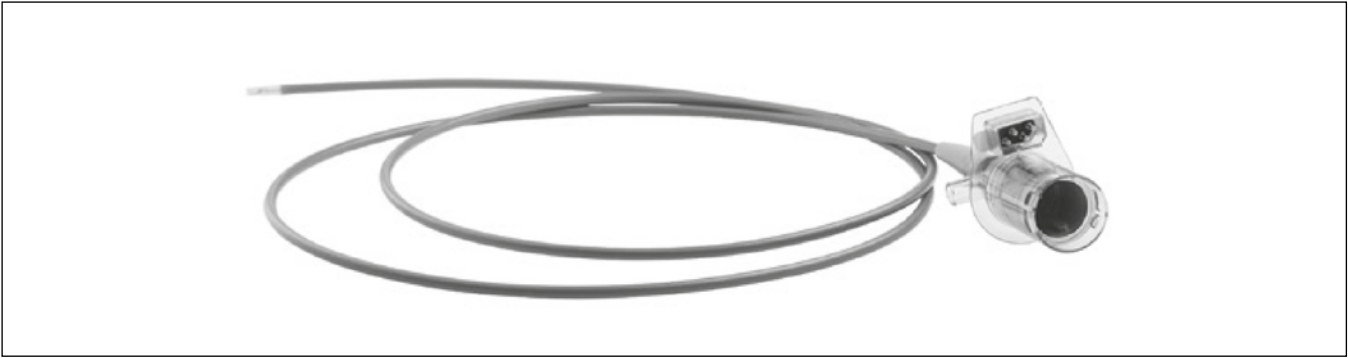


Pre-assembled kit for pericardial drainage procedures.

- All Kits Include:
- 8.3 F Straight or Pigtail Drainage Catheter
 - Plastic Fenestrated Drape
 - 10 cc Luer Lok Syringe
 - 20 cc Luer Lok Syringe
 - 21 G x 1-1/2" Needle
 - 25 G x 1" Needle
 - Silk Suture with Curved Needle
 - Alligator Clip
 - 18 G Procedure Needle with Drainage Fitted Stylet
 - .035" x 80cm J-Tip Guide wire
 - #11 Blade with handle
 - 3-Way Stopcock with lock nut
 - Dilator
 - Prep Applicators
 - Gauze Sponges
 - 1000 cc Drainage Bagp

Model Number	Description
M004 PERIVAC2P 0	PERIVAC Kit with 8.3 F pigtail catheter plus clip
M004 400 1	Spare 1000 cc Drainage Bag (individually sterilized)
M004 PERIVAC2S 0	PERIVAC Kit with 8.3 F straight catheter plus clip

ULTRA ICE™ PLUS



Technical Information

Description	Specifications
Shaftdiameter	8.5 F (2.83 mm)
Usable Length	110 cm
Imaging frequency	9 MHz
Ultrasound type	Mechanically rotating transducer
Distance from transducer to tip	9 mm
Image type	Panoramic 360° view
Imaging depth	>6 cm radius (>12 cm diameter)
Lateral resolution	≤1.23 mm
Axial resolution	≤0.29 mm
Shaft rotation speed	1800 RPM
Frame refresh rate	30 frame / sec
Ultrasound pulse rate	256 / rotation

Ordering Information

UPN Number	UPN Description
M004 9910 0	ULTRA ICE™ PLUS Catheter
M004 9915 1	FLUID DOCK™ Filling Device

Section Content

RF Ablation Systems

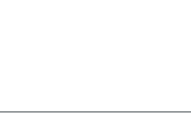
MAESTRO 4000™ Cardiac Ablation System

METRIQ™ Irrigation Pump

RF Ablation Systems

MAESTRO 4000™ Cardiac Ablation System



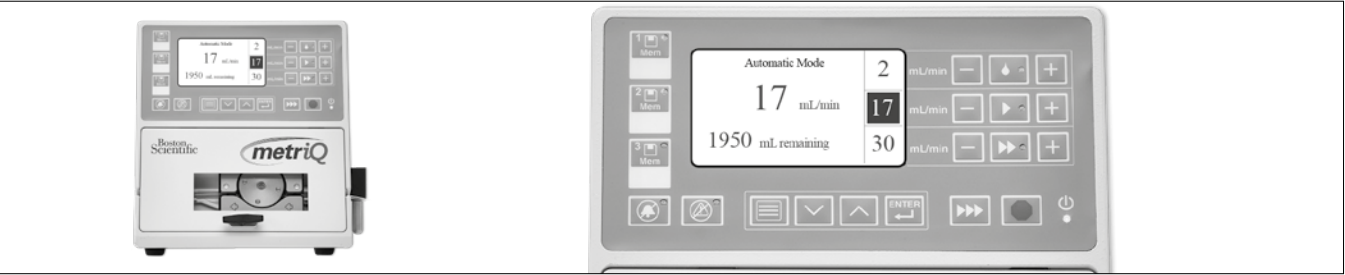
Model Number	Description		
M004 4000 0	MAESTRO 4000™ Controller		
	Physical Dimensions	Width	13.0 in (33.1 cm)
		Height	7.3 in (18.6 cm)
		Depth	16.5 in (41.9 cm)
		Weight	22 lbs (10.0 kg)
	Power Specifications	Line Power	100-120 / 220-240 V _{AC} , 50 / 60 Hz, 300 VA
M004 4020 0		Current Rating	4 A @ 120 V
		Fuses	T4AL250 V
		Cable Lengths	Power Cord
			Foot Switch cable
			10 ft (3.0 m)
			10 ft (3.0 m)
M004 EPT4010 0		RF Generator Power Output	
		RF Frequency	460 kHz
		Maximum Output Power	100 W for 100-W Pod
			150 W for 150-W Pod
		Maximum Output Voltage	132 Vrms (187 Vpk) with 100 W-Pod
			162 Vrms (229 Vpk) with 150 W-Pod
M004 21850 0		Maximum Output Current (under normal operation)	1 A per dispersive pad
		Controller Foot Switch	
		Physical Dimensions	Height
			Depth
			Weight
			Cable Length

MAESTRO 4000™ Cardiac Ablation System continued

Model Number	Description		
M004 4100 0	METRIQ™ Pump		
	Physical Dimensions	Width	10.0 in (25.5 cm)
		Height	9.6 in (24.5 cm) without pole clamp
		Depth	8.0 in (20.5 cm)
		Weight	4.5 lbs (2.0 kg)
	Electrical Specifications	Supply Voltage / AC Power Requirements	100-120 / 220-240 V _{AC} , 50 / 60 Hz, 65 V A
M004 4100M 0	Technical Specifications	Current Rating	5 A @ 120 V
		Fuses	F5AL250 V
		Maximum Operating Back Pressure	35 psi (standby and ablation)
		Maximum Pressure Generated	60 psi (purge)
	Flow Rate Accuracy		150 psi
			-5% / 15% (6-30 mL / min), -10% / 20% (2-5 mL / min), + / -20% (60 mL / min)
M004 4100 0	Minimum Detectable Bubble Size		2 µL

Model Number	Description
M004 4000 0	MAESTRO 4000™ Controller
M004 EPT4010 0	MAESTRO 4000™ Pod, 150 W
M004 653S 0	Pod to recording system cable
M004 4020 0	MAESTRO 4000™ Remote (optional)
M004 21850 0	MAESTRO™ Foot Switch (optional)
M004 661 0	Cable, Generator to Pump or Remote (6 m)
M004 663 0	Cable, Generator to Pump or Remote (15,2 m)
M004 664 0	Cable, Generator to Pump or Remote (22,8 m)
M004 EPT4030M 0	MAESTRO 4000™ Operators Manual 150 W
M004 RITPWRCRD2 0	Powercord for use in Italy
M004 RSWPWRCRD2 0	Powercord for use in Switzerland
M004 RUKPWRCRD2 0	Powercord for use in UK
M004 REUPWRCRD2 0	Powercord - generic Europe

METRIQ™ Irrigation Pump



Model Number	Description
M004 4100 0	METRIQ™ Pump
M004 117 0	METRIQ™ Tubing set
M004 661 0	Cable, Generator to Pump or Remote (6 m)
M004 663 0	Cable, Generator to Pump or Remote (15,2 m)
M004 664 0	Cable, Generator to Pump or Remote (22,8 m)
M004 4105F 0	METRIQ™ Pump Footswitch (optional)
M004 4110M 0	METRIQ™ Pump Operators Manual
M004 ITPWRCORD 0	Powercord for Italy
M004 SWPWRCORD 0	Powercord for Switzerland
M004 UKPWRCORD 0	Powercord for UK

Section Content

EP Recording Systems

LABSYSTEM™ PRO EP Recording System

LABSYSTEM™ PRO Hardware

Computer Cables

CLEARSIGN™ Cables

LABSYSTEM™ PRO EP Recording System Accessories/Optional Components

MICROPACE™ Cardiac Stimulator

MICROPACE™ Cardiac Stimulator Components

LABSYSTEM™ PRO EP Recording System

LABSYSTEM™ PRO Hardware



Model Number	Quantity Needed	Description
CPU		
M004 2002081 0	1	LS10K Win 10 SW 4.0 CPU
CLEARSIGN™ Amplifier		
M004 2002021 0	1	40 channel CLEARSIGN™ II Amplifier
M004 2002022 0	1	80 channel CLEARSIGN™ II Amplifier
M004 2002023 0	1	120 channel CLEARSIGN™ II Amplifier
M004 2002024 0	1	160 channel CLEARSIGN™ II Amplifier
Monitors		
M004 2001977 0	2	21" LCD Flat Panel Monitor
M004 2001961 0	2	24" LCD Flat Panel Monitor
Isolation Transformer		
M004 2001297 0	1	Isolation Transformer (International)
Printer		
M004 2002056 0	1	HP Laserjet Printer (Order also USB cable M004 2002059 0)
Video Splitter		
M004 2001432 0	1	Video Splitter LCD 120 V VGA
M004 2002079 0	1	Labsystem PRO VGA SWITCH IEC Power Supply

Computer Cables

Model Number	Quantity Needed	Description
RF Generator Interface Cables		
RS-232 Cable for EPT, MAESTRO, Atakr, Atakr II, IBI-1500 T9 and T11 and Osypka generators		
M004 2001177 0	1	Length 25 ft
M004 2001178 0	1	Length 50 ft
M004 2001179 0	1	Length 100 ft
Null Modem cable for STOCKERT and SMARTABLATE generators		
M004 2001180 0	1	Length 25 ft
M004 2001181 0	1	Length 50 ft
M004 2001182 0	1	Length 100 ft
VGA Cables		
M004 2001433 0	1	SVGA Cable, M-M, 6 ft
M004 2001434 0	1	SVGA Cable, M-M, 50 ft
M004 2001435 0	1	SVGA Cable M-M 100 ft
Printer Interface Cable		
M004 2002059 0	1	Cable USB 10 ft
Power Cables		
M004 200690 0		Power Cord, 220 - 240 V

CLEARSIGN™ Cables



Model Number	Quantity Needed	Description
CLEARSIGN™ ECG Cables		
M004 2001328 0	1	CLEARSIGN™ 12 lead ECG cable, IEC coloured, 3 m (10 ft)
M004 2001329 0	1	CLEARSIGN™ 12 lead ECG cable, IEC coloured, 6 m (20 ft)
M004 2001243 0	1	CLEARSIGN™ 12 lead ECG cable, 15 m (50 ft) Upon request
ECG Lead Wires		
M004 2001001 0	1	Pack of 10 ECG lead wires, 1 m (36") IEC colored
M004 2001000 0	1	Pack of 10 ECG lead wires, 1 m (36") banana style
M004 2001077 0	1	Pack of 10 ECG radio translucent lead wires, 1m (36") IEC colored
CLEARSIGN™ Junction Box (One junction box per 40 IC channels of the CLEARSIGN™ Amplifier)		
M004 2001250 0	1 / Module	CLEARSIGN™ Junction box 3 m (10 ft)
M004 2001251 0	1 / Module	CLEARSIGN™ Junction box 6 m (20 ft)
M004 2001252 0	1 / Module	CLEARSIGN™ Junction box 15 m (50 ft)
Junction Box Support For Bed Rail		
M004 2001388 0	1	Junction Box Support Bracket
M004 2001413 0	1	Bed rail clamp for Siemens beds
CLEARSIGN™ Stimulator Cable		
M004 2001253 0	1	CLEARSIGN™ stim cable 3 m (10 ft)
M004 2001254 0	1	CLEARSIGN™ stim cable 6 m (20 ft)
M004 2001255 0	1	CLEARSIGN™ stim cable 15 m (50 ft)
Ethernet Interface Cable		
M004 2001271 0	1	Ethernet cable shielded, length 3 m (10 ft)
M004 2001274 0	1	Ethernet cable shielded, length 7.5 m (25 ft)
M004 2001272 0	1	Ethernet cable shielded, length 15 m (50 ft)
M004 2001273 0	1	Ethernet cable shielded, length 30 m (100 ft)
Analogue Output Cable		
M004 2001263 0	1	CLEARSIGN™ 16 analogue output cable 3 m (10 ft)
M004 2001264 0	1	CLEARSIGN™ 16 analogue output cable 6 m (20 ft)
M004 2001265 0	1	CLEARSIGN™ 16 analogue output cable 15 m (50 ft)
Analogue Input Cable		
M004 2001259 0	1	CLEARSIGN™ analogue input cable 1 m

CLEARSIGN™ Cables continued

Model Number	Quantity Needed	Description
CLEARSIGN™ BP Cable		
M004 200467 0	1	Blood Pressure Cable
M004 2002063 1	1	Blood Pressure Transducer Kit (box of 5)
RF Filter		
M004 2001230 0	1	RF Filter Module
Grounding Cables		
M004 2001104 0	1	Equipotential junction box cable
M004 2001105 0	1	Equipotential ground cable
CLEARSIGN™ to Carto® 3 Quick Connect Kits		
M004 2001970 0	1	CLEARSIGN™ to Carto® 3 stim adapter cable 3 m (only required if 40ch Clearsign™)
M004 2001969 0	1	CLEARSIGN™ to Carto® 3 intracardiac cable 3 m
M004 2001968 0	1	CLEARSIGN™ to Carto® 3 ECG cable 3 m
M004 2001975 0	1	CLEARSIGN™ to Carto® 3 ECG cable 6 m
M004 2001974 0	1	CLEARSIGN™ to Carto® 3 intracardiac cable 6 m

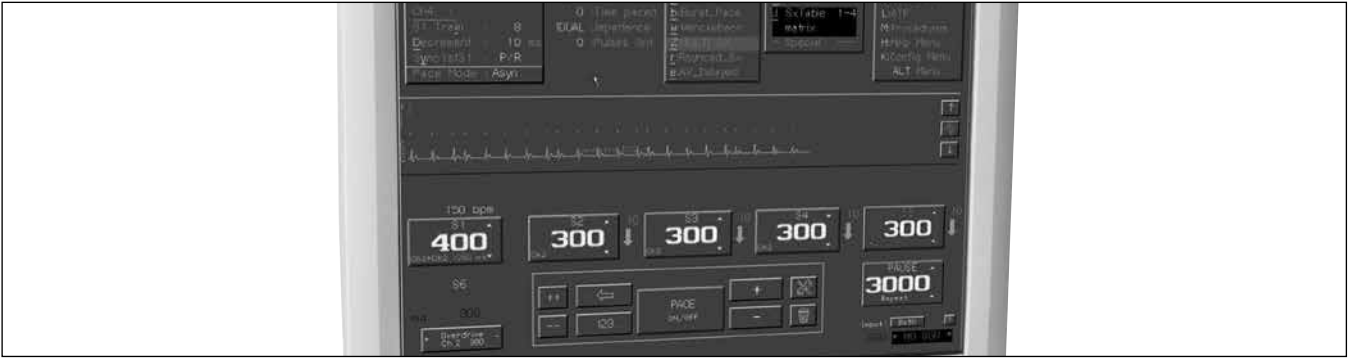
LABSYSTEM™ PRO EP Recording System Accessories/Optional Components



Model Number	Quantity Needed	Description
LSPRO PLUS V2.8A		
ZM00 42002040 0	1	LabSystem PRO non invasive vitals
M004 2002036 0	1	Adaptor Philips Vitals straight connect
M004 2002037 0	1	Adaptor Philips Vitals Crossover Connect
EP Review Workstation		
M004 LS10K40010 0	1	LS10K WIN10 REVIEW WK V4.0 SW
Image Capture Kit		
M004 2002035 0	1	PCIe DVI Image capture board
M004 2002032 0	1	Adapter Kit PCIe DVI Image Capture
M004 2001183 0	2	Female-to-Female BNC Barrel Adaptors (5 / pb)
M004 2001217 0	1	BNC cable, M-M , 9.2 m (30 ft)
Report Generator		
M004 2001400 0	1	Report Generator Software
EPLINK™ Hospital Information System Interface		
M004 2001410 0	1	EPLINK™ H.I.S. HL7 Connectivity Software
IBI Ablation Generator Interface		
M004 2001984 0	1	IBI Ablation Generator Software (requires LSPro min V2.4a) Not required with > V2.6
Archive Media		
M004 2001214 0	1	DVD storage media (5 / pk)
System Cart		
M004 200449 0	1	System Cart
M004 2001078 0	1	Custom side rack
Keyboard		
M004 LSPRO20010 0	1	LS PRO USB Seal Shield Keyboard
Manual / Guides		
M004 2001220 0		LS PRO Getting Started Guide
M004 2001325 0		Clearsign™ Amplifier Schematics
Miscellaneous Cables / Components		
M004 200399 0	1	BNC Male-Phono Male Cable for connection to stimulator

MICROPACE Cardiac Stimulator

MICROPACE Cardiac Stimulator Components



Model Number	Quantity Needed	Description
MICROPACE STIMCOR™ Cardiac Stimulator		
200MP 3113 B	1	MICROPACE Touch Screen Monitor
200MP 334 3	1	STIMCOR™ Computer Cabinet
200MP 334 4	1	STIMLAB™ SGU-2 channel (either 2 or 4 channel option)
200MP 317 2	1	STIMLAB™ SGU-4 channel
MICROPACE STIMLAB™ Bedside Cardiac Stimulator Control		
200MP 317 1	1	STIMLAB™ Computer Cabinet
200MP 317 2	1	STIMLAB™ SGU-4 channel (either 2 or 4 channel option)
200MP 317 3	1	STIMLAB™ Remote Touch Screen
200MP 317 4	1	STIMLAB™ Local Touch Screen
200MP 334 4	1	STIMLAB™ SGU-2 channel (either 2 or 4 channel option)
200MP 318 3	1	Roll Stand Package
MICROPACE Stimulator		
MP 3102BTBE U	1	MICROPACE EPS320 stimulator
200MP 3113 B	1	MICROPACE Touch Screen Monitor
MICROPACE Accessories		
200MP 309 1		Patient Connection box (4 Channel stim connection box with RF filter)
200MP 308 9		Stim box control cable 2M DB15 Pin
200MP 309 0		Stim box extension control cable 15 m (RS232)
200MP 307 6		MICROPACE NEC LCD Display Monitor
M004 2001177 0		RS-232 Cable Male to Female SGU to PC Length 25 ft
M004 2001178 0		RS-232 Cable Male to Female SGU to PC Length 50 ft
M004 2001179 0		RS-232 Cable Male to Female SGU to PC Length 100 ft
200MP 309 8		System Computer, Bona Light PC
200MP 339 3		Compact Numeric Keypad for Version 3.21 Software
200MP 301 6		Keyboard MP 3016, EPS320
200MP 320 9		Battery, 12V 2.5AH SLA
200M P321 0		Battery, 9V Lithium

Section Content

RHYTHMIA HDx™ Mapping System

RHYTHMIA HDx™ Mapping System Components

RHYTHMIA HDx™ Mapping System Installation Bundle

RHYTHMIA HDx™ Mapping System Accessories

RHYTHMIA HDx™ Disposables

RHYTHMIA HDx™ Mapping System



The RHYTHMIA HDx™ Mapping System includes the following main components:

- Workstation (PC, Software, Monitor and Accessories)
- Signal Station
- Localization Generator
- Boxes (IC In), IC Out Direct Connect Cables, and IC-72 Out Universal Cable
- ECG In Cables, ECG Out Boxes, and ECG Out Direct Connect Cables
- Ablation Connection Boxes
- System & Workstation Carts (available as optional accessories)

Signal Station	
The Signal Station (SiS) accepts signals from the intracardiac catheters and ECG electrodes used during Electrophysiology (EP) procedures. It amplifies and digitizes these signals and transfers them to the Workstation for real-time processing and display. The SiS also supports catheter localization/tracking and diagnostic stimulation.	
Position	The Signal Station should be placed on a dedicated table or cart that is adjacent to the foot of the patient table.
Dimensions (W x D x H)	41.0 x 38.9 x 26.2 cm
Patient inputs	• 12 lead ECG • 64 intra-cardiac channels for the INTELLAMAP ORION™ High-Resolution Mapping Catheter • 136 additional intra-cardiac channels to connect commonly used diagnostic and ablation catheters
Connectivity with other lab equipment	• Stimulator: Up to 2 stimulator channels • Recording System: Outputs all signals to a recording system including Direct Connect IC and ECG Out Cables for LS PRO and GE CardioLab Recording Systems • RF Generator: Dedicated connection to Maestro 4000, SmartAblate™, IBI/Ampere™ and EP SHUTTLE® RF Generators
Signals specifications	• Resolution: 24 bits • Noise floor: 10 µV • Input Amplitude • Accuracy: < 5 %
Power inputs	• Input Voltage: 100 - 240 VAC / 50 Hz; 100 - 220 VAC / 60 Hz • Input Current: 2.3 A at 115 VAC; 1.2 A at 230 VAC
Safety	• IEC 60601-1; IEC 60601-1-1; IEC 60601-1-2; IEC 60601-2-27; IEC 60601-1-6 • CISPR 11/EN 55011:2009+A1:2010, Group 1, Class A • Protection against electric shock: Class I, Type • Protection against fluid ingress: IPX1 • Isolation: > 4250 V

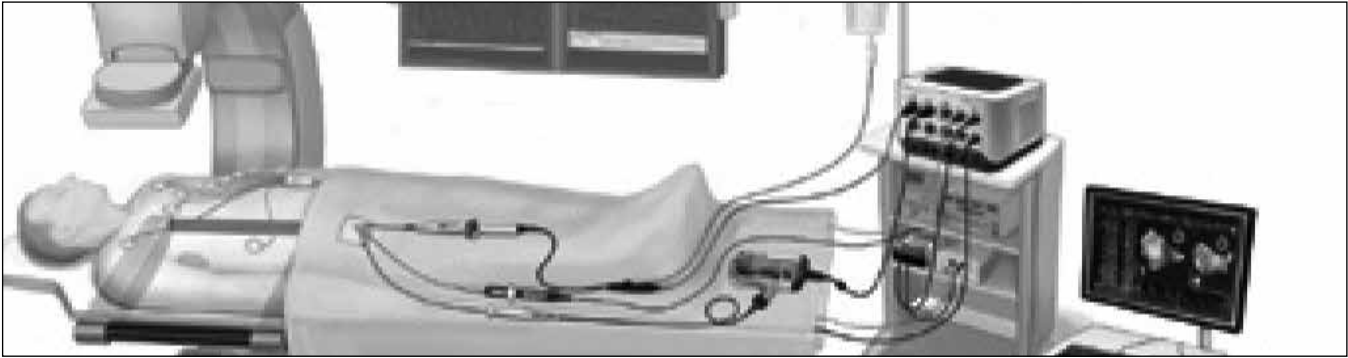
Workstation PC	
The Workstation includes computer hardware (e.g. computer, monitor, keyboard, mouse, and power cords) and system software. It acquires, interprets, and displays the data received from the Signal Station during EP mapping procedures. In addition to operating the system software, the Workstation can also store, retrieve, and export study data.	
Position	The Workstation is typically positioned in the control room
Operating System	Linux
Dimensions (W x D x H)	Z6 Series - 17.1 x 47.3 x 44.3 cm
Connection to Signal Station	Fiber optic cable
CPU Power Inputs	• Input Voltage: 100 - 240 VAC • Input Current: 8.0 A • Input Frequency: 50 - 60 Hz
Accessories	Keyboard and Mouse
Monitor	• Display Size: 24" (61 cm) • Resolution: 1920 x 1200 • Dimensions (W x D x H): 56.2 x 6.1 x 36.8 cm • Dimensions with stand (W x D x H): 56.2 x 23.5 x 42.9 cm
Monitor Power Inputs	• Input Voltage: 90 - 265 VAC • Input Current: 1.0 A • Input Frequency: 50 - 60 Hz

Localization Generator	
The Localization Generator generates magnetic fields under the patient table, to support catheter localization.	
Position	The Localization Generator is placed under the patient table
Dimensions (W x D x H)	45.0 x 55.4 x 7.0 cm

INTELLAMAP ORION™ High-Resolution Mapping Catheter	
The INTELLAMAP ORION is a 64-electrode catheter designed to acquire high-resolution signals from all cardiac chambers.	
• 8.5 F (2.8 mm), bi-directional steerability • 64 electrodes (0.4mm²/electrode), 8 splines • Variable deployment, 3 - 22 mm diameter • Connects directly to the Signal Station with a direct connect umbilical cable	

Rhythmia System Cart	
Carts may be provided to enhance system storage and transportation	
System Cart	• Holds the Signal Station, Localization Generator and accessories. The System Cart can also hold a monitor: • Dimensions (W x D x H) without monitor: 71.2 x 57.2 x 109.3 cm • Dimensions (W x D x H) with monitor: 71.2 x 57.2 x 177.9 cm
Workstation PC Cart	• Holds the Workstation, monitor, keyboard and mouse. • Dimensions (W x D x H) with monitor: 71.2 x 57.2 x 147.4 cm

RHYTHMIA HDx™ Mapping System Installation Bundle



RHYTHMIA HDx™ Mapping System Installation Bundle	
UPN Number	UPN Description
M004 RBINSTALL2ROW 0	RHYTHMIA System Install Bundle 2 ROW

Installation Bundle Component List

UPN Number	UPN Description	QTY
M004 RH1020 0	Signal Station 2	1
M004 RALRCBL2 0	RHYTHMIA Patch Cable	1
M004 RH4010 0	RHYTHMIA Workstation PC G2	1
M004 RAPWR2 0	RHYTHMIA Power Supply 2	1
M004 RH1102 0	RHYTHMIA Breakout Box	2
M004 RH1112 0	RHYTHMIA Breakout Box Cable	2
M004 RAMMTIPS2 2	Male to Male Tip-Jacks 2-2 Pin 2	2
M004 RAGPS0 0	Global IEC Power Strip	1
M004 RAINST001 0	Optical DVI - Duplex Kit	1
M004 RAINST002 0	LC FIBER Coupler - Duplex	1
M004 2001105 0	Cable, Equipotential Grind	1
M004 RARS232MF10 0	DB9 RS232 Serial Cable Strt Thr M-F 10ft	1
M004 RAUSBRS232MM 0	USB to DB9 RS232 Adapter M-M	1
M004 RAINST010 0	RFG Serial Data Tap	2

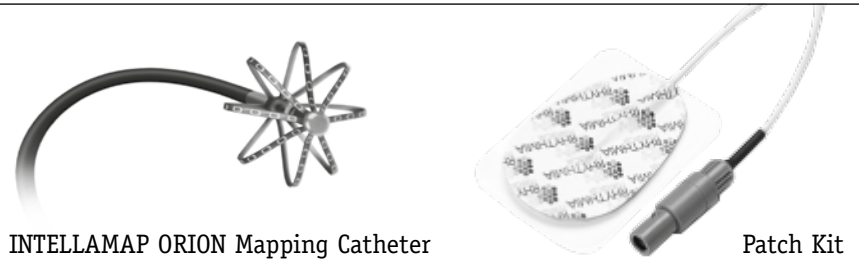
RHYTHMIA HDx™ MAPPING SYSTEM – Required Accessories

Localization System	
UPN Number	UPN Description
M004 RH2002 0	Localization Generator G2
M004 RALRBEDSTRP2 0	Localization Generator G2 Bed Strap
M004 RALGBEDMT 0	Localization Generator Bed Mount
M004 RA7101 0	Localization Generator Cable 2
ECG In Configuration	
UPN Number	UPN Description
M004 RA5010I 0	ECG Cable - Trunk - IEC R2
M004 RA5110I 0	ECG Cable - L/C - IEC R2
ECG Out Configuration	
UPN Number	UPN Description
M004 RH1451 0	ECG Out Box - IEC R2
M004 RA9000ECG3 0	Direct Connect Clearsight ECG 3m
M004 RA9000ECG6 0	Direct Connect Clearsight ECG 6m
M004 RA9100ECG3 0	Direct Connect CardioLab ECG 3m
M004 RA9100ECG6 0	Direct Connect CardioLab ECG 6m
IC Out Configuration	
UPN Number	UPN Description
M004 RH1122 0	RHYTHMIA IC Out Cable 72
M004 RA9000ICAB3 0	Direct Connect Clearsight IC A/B 3m
M004 RA9000ICAB6 0	Direct Connect Clearsight IC A/B 6m
M004 RA9000ICM3 0	Direct Connect Clearsight IC Orion 3m
M004 RA9000ICM6 0	Direct Connect Clearsight IC Orion 6m
M004 RA9100IC3 0	Direct Connect CardioLab IC 3m
M004 RA9100IC6 0	Direct Connect CardioLab IC 6m

RHYTHMIA HDx™ MAPPING SYSTEM – Optional Accessories

Cart Configuration	
UPN Number	UPN Description
M004 RASSCART 0	RHYTHMIA System Cart
M004 RAWRKCART 0	RHYTHMIA Workstation Cart
M004 RACARTARM 0	RHYTHMIA Cart Monitor Arm
M004 RACARTARMEXT 0	RHYTHMIA Cart Monitor Arm Extender
M004 RH4100 0	RHYTHMIA Workstation Monitor
Optional Accessories	
UPN Number	UPN Description
M004 RA6201 0	Connection Box – MAESTRO G2
M004 RA6001 0	Connection Box – EP Shuttle G2
M004 RA6401 0	Connection Box – SmartAblate G2
M004 RA6101 0	Connection Box – IBI G2
M004 RA6102 0	EGM Out to HDx SIS Cable
M004 RH1501 0	Foot Switch 2
M004 RALRBEDSTRP 0	Localization Generator Bed Strap

RHYTHMIA HDx Mapping System Installation Configuration Parts will be determined by your local Field Service Engineer.



Model Number	Description
M004 RC64S 0	INTELLAMAP ORION™, 64 electrodes 8.5F EGM Clarity • 64 low-noise electrodes • Digitally Printed • 2.5 mm Inter-electrode spacing center-to-center • 0.4 mm² Electrode Area • Usable Length: 115 cm Mapping Versatility • 8.5F, bidirectional steerability • Variable diameter (3-22 mm) for use in various anatomical structures Safety in Design • 8 smooth, flexible splines • Flushing port designed to prevent clot formation
M004 RAPATCH1 0	Location Reference Patch Kit and Location Cable • Enables Magnetic and Impedance based tracking of catheters with the RHYTHMIA™ system • Contains 10 ECG Electrodes • 1 Location Reference Back Patch • Sold in individual boxes
M004 RAUMBILICAL2 0	RHYTHMIA™ Umbilical Cable ST Female-to-Female BNC Barrel Adaptors

Section Content

CryoAblation System

- SMARTFREEZE™ Console
- Commercial Bundle
- SMARTFREEZE™ Connection Diagram

CryoAblation System

SMARTFREEZE™ Console



The SMARTFREEZE™ Console is intended to be used in conjunction with the POLARx CryoAblation Catheter & Accessories

Model Number	Description
M004 CRBS400 0	SMARTFREEZE™ Console

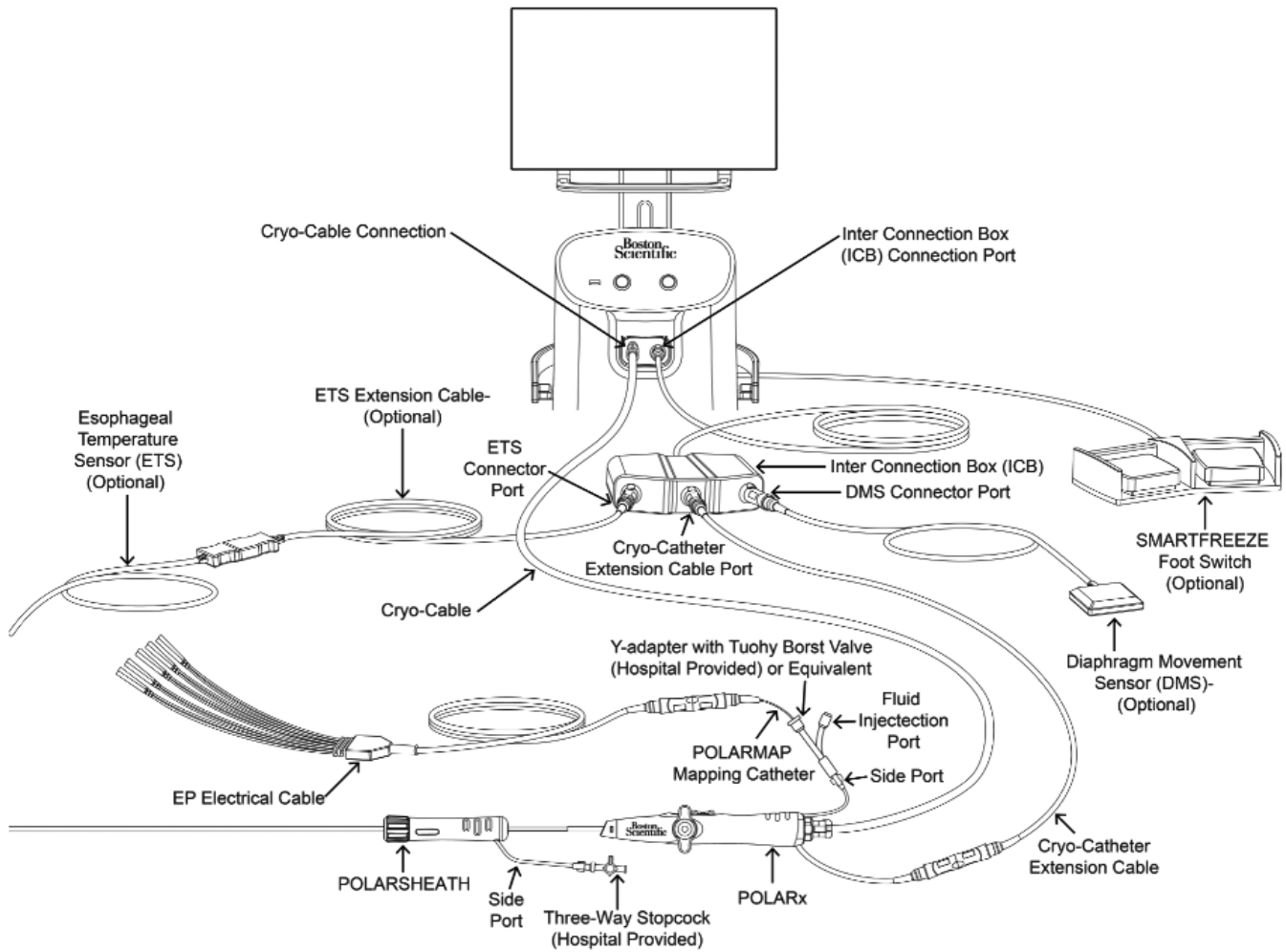
COMMERCIAL BUNDLE

The Bundle includes:	Description	QTY
M004 CRBS400 0	SMARTFREEZE™ Console	1
M004 CRBS611 0	Diaphragm Movement Sensor	1
M004 CRBS411 0	Interconnection Box	1
M004 CRBS420 0	Foot Switch	1
M004 CRBS631 0	Temp Sensor Cable	1
N2OSMRTFZ-GASDLVRY	Gas Tank Delivery	2

Accessories		
Model Number	Description	Optional / Required
M004 CRBS411 0	Interconnection Box	Required
M004 CRBS611 0	Diaphragm Movement Sensor	Optional
M004 CRBS420 0	Foot Switch	Optional
M004 CRBS631 0	Temp Sensor Cable	Optional

SMARTFREEZE™ Gas Tank – N2O Tank	
Model Number	Description
N2OSF-GASDLVR-PKUP	Gas Tank Delivery and Pick Up
N2OSMRTFZ-GASPKUP	Gas Tank Pick Up
N2OSMRTFZ-GASDLVRY	Gas Tank Delivery

SMARTFREEZE™ Connection Diagram



Section Content

ExpertCare

Service Contracts for:

- RHYTHMIA™
- SMARTFREEZE™
- LABSYSTEM™ PRO
- MICROPACE
- MAESTRO 4000™

Expert Care

RHYTHMIA™, SMARTFREEZE™, LABSYSTEM™ PRO, MICROPACE, MAESTRO 4000™

Model Number	Description
RHYTHMIERVICE CONTRACTS	
SRVM004 EVERO 2	RHYTHMIA Evercare 3 year Pos
SRVM004 RHYEV + SW02	RHYTHMIA HDx EVERCARE 3yr
SRVM004 RAS00 1	RHYTHMIA TotalCare 1yr
SRVM004 RAS00 2	RHYTHMIA TotalCare 2yr
SRVM004 RAS00 3	RHYTHMIA TotalCare 3yr
SRVM004 RAS00 4	RHYTHMIA TotalCare 4yr
SRVM004 RHEC01 0	RHYTHMIA BasicCare 1yr
SRVM004 RHEC01 1	RHYTHMIA BasicCare 2yr
SRVM004 RHEC01 2	RHYTHMIA BasicCare 3yr
SRVM004 RHEC01 3	RHYTHMIA BasicCare 4yr
SMARTFREEZE™ SERVICE CONTRACTS	
SRVM004 SMRTFRZTC0 1	SMARTFREEZE™ Console TotalCare 1yr
SRVM004 SMRTFRZTC0 2	SMARTFREEZE™ Console TotalCare 2yr
SRVM004 SMRTFRZTC0 3	SMARTFREEZE™ Console TotalCare 3yr
SRVM004 SMRTFRZTC0 4	SMARTFREEZE™ Console TotalCare 4yr
SRVM004 SMRTFRZTC0 5	SMARTFREEZE™ Console TotalCare 5yr
LABSYSTEM PRO SERVICE CONTRACTS	
SRVM004 LSPRLEVER 02	LABSYSTEM EverCare 3yr
SRVM004 LSPRLEVER 04	LABSYSTEM EverCare 4yr
SRVM004 LSPRTC1 3	LABSYSTEM TotalCare 1yr
SRVM004 LSPRTC1 4	LABSYSTEM TotalCare 2yr
SRVM004 LSPRTC1 5	LABSYSTEM TotalCare 3yr
SRVM004 LSPRTC1 6	LABSYSTEM TotalCare 4yr
SRVM004 LSPREC 05	LABSYSTEM BasicCare 1yr
SRVM004 LSPREC 06	LABSYSTEM BasicCare 2yr
SRVM004 LSPREC 07	LABSYSTEM BasicCare 3yr
SRVM004 LSPREC 08	LABSYSTEM BasicCare 4yr
MICROPACE SERVICE CONTRACTS	
SRVM004 MPTC01 3	MICROPACE TotalCare 1yr
SRVM004 MPTC01 4	MICROPACE TotalCare 2yr
SRVM004 MPTC01 5	MICROPACE TotalCare 3yr
SRVM004 MPTC01 6	MICROPACE TotalCare 4yr
SRVM004 MPEC00 5	MICROPACE BasicCare 1yr
SRVM004 MPEC00 6	MICROPACE BasicCare 2yr
SRVM004 MPEC00 7	MICROPACE BasicCare 3yr
SRVM004 MPEC00 8	MICROPACE BasicCare 4yr
MAESTRO 4000™ SERVICE CONTRACTS	
SRVM004 MAE410 6	MAESTRO 4000 BasicCare 1yr
SRVM004 MAE410 7	MAESTRO 4000 BasicCare 2yr
SRVM004 MAE410 8	MAESTRO 4000 BasicCare 3yr
SRVM004 MAE410 9	MAESTRO 4000 BasicCare 4yr

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200MP 317 4	59	M004 2001264 0	56	M004 200467 0	57
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M004 006245S 0	26	M004 2001297 0	54	M004 200594 0	26
M004 006590P 0	26	M004 2001325 0	58	M004 200596 0	27
M004 006798P 0	25	M004 2001328 0	56	M004 200597 0	27
M004 008568P 0	37	M004 2001329 0	56	M004 200624S 0	26
M004 115 0	14	M004 2001388 0	56	M004 200690 0	55
M004 116 0	13, 15, 18, 19	M004 2001400 0	58	M004 200693 0	26
M004 117 0	13, 15,18, 19, 20, 51	M004 2001410 0	58	M004 200769 0	34
M004 1212 0	14, 15	M004 2001413 0	56	M004 200770 0	34
M004 191001 0	25	M004 2001432 0	54	M004 200774P 0	37
M004 200056E 0	25	M004 2001433 0	55	M004 200794 0	34
M004 200058E 0	25	M004 2001434 0	55	M004 200795 0	34
M004 200060 0	25	M004 2001435 0	55	M004 200796 0	34
M004 200060E 0	25	M004 200150 0	25	M004 200797 0	34
M004 200066S 0	26	M004 200151 0	25	M004 201007 0	34
M004 200088P 0	37	M004 2001961 0	54	M004 201101 0	33
M004 200089P 0	37	M004 2001968 0	57	M004 201102 0	33
M004 2001000 0	56	M004 2001969 0	57	M004 201103 0	33
M004 2001001 0	56	M004 2001970 0	57	M004 201104 0	33
M004 2001077 0	56	M004 2001974 0	57	M004 201105 0	33
M004 2001078 0	58	M004 2001975 0	57	M004 201106 0	33
M004 2001104 0	57	M004 2001977 0	54	M004 201107 0	33
M004 2001105 0	57, 64	M004 2001984 0	58	M004 201108 0	33
M004 2001177 0	55, 59	M004 200201S 0	26	M004 201109 0	33
M004 2001178 0	55, 59	M004 2002021 0	54	M004 201110 0	33
M004 2001179 0	55, 59	M004 2002022 0	54	M004 201113 0	33
M004 2001180 0	55	M004 2002023 0	54	M004 201114 0	33
M004 2001181 0	55	M004 2002024 0	54	M004 201400 0	25
M004 2001182 0	55	M004 2002032 0	58	M004 201401 0	26
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Ordering Information and Sales Policy

Ordering Information and Sales Policy

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Example

Model number

M004 123TK1 0

Code for Electro-physiology Devices

Product Reference Number

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