

AF SOLUTIONS PRODUCT CATALOGUE EUROPE

2019



Arctic Front Advance™
Cardiac Cryoablation Catheter



PVAC™ GOLD
Pulmonary Vein Ablation Catheter



CardioInsight™
Mapping Vest



Medtronic
Further, Together

TABLE OF CONTENTS

CRYO PORTFOLIO	5	CONVENTIONAL EP PORTFOLIO	24
CRYO TECHNOLOGY	6	CATHETERS	25
Arctic Front Advance™	7	RF Contactr™	26
FlexCath Advance™	8	RF Conductr™ MC	27
Achieve™ and Achieve Advance™	9	RF Marinr™ MC	28
FREEZOR™ FAMILY CATHETERS	10	RF Enhancr™ II	29
Freezor™	11	RF Marinr™ 5 Fr	30
Freezor™ Xtra	12	Sprinklr™	31
Freezor™ Max	13	Ablation Connecting Cables	32
CRYOCONSOLE	14	RF ABLATION ATAKR™ PLUS GENERATOR	33
ACCESSORIES	15	ACCESSORIES	34
PHASED RF PORTFOLIO	16	DIAGNOSTIC CATHETERS	35
PHASED RF TECHNOLOGY	17	Soloist™	37
PVAC™ GOLD	18	Torqr™	38
FlexCath™ Select	19	Torqr™ CS	39
Greatbatch Steerable Sheath	20	Marinr™ SC XXL	40
Arrive™	21	Marinr™ MC and MCXL	41
PV Tracker™	22	Marinr™ CS	42
PHASED RF GENIUS™ GENERATOR	23	Stablemapr™ SM	43
ACCESSORIES	23	Diagnostic Connecting Cables	43
		TRANSSEPTAL INTRODUCTION PRODUCTS AND ACCESSORIES	44
		Mullins™ Introducer Sheath	44
		Brockenbrough™ Needle	44
		Merit™ HeartSpan® Needle	45

CARDIOINSIGHT™	46
CARDIOINSIGHT SYSTEM	47
CardioInsight Workstation	48
CardioInsight Mapping Vest	49
INDEX & INFORMATION	50
GLOSSARY	51
REFERENCE NUMBER INDEX	52
Cryo Portfolio	52
Phased RF Portfolio	53
Conventional EP Portfolio	54
CardioInsight	56
BIBLIOGRAPHY	57
Cryo Portfolio	57
Phased RF Portfolio	57
NOTES	58



Arctic Front Advance™
Cardiac Cryoablation Catheter

Priemonių rinkinys plautinių venų krioabliacijai:
 Cath 2AF283 Arctic Front Advance ous 28 mm (modelis 2AF283) + Sheath 4FC12 FlexCath Advance 12F (modelis 4FC12) + Cable 2035U Electrical Umbilical (modelis 2035U) + Cable 203CX Coaxial Umbilical (modelis 203CX)

ARCTIC FRONT ADVANCE™ CARDIAC CRYOABLATION CATHETER

Cath 2AF283 Arctic Front Advance ous 28 mm (modelis 2AF283) arba Cath 2AF233 Arctic Front Advance ous 23 mm (modelis 2AF233)

ARCTIC FRONT ADVANCE™

Cardiac Cryoablation Catheter
 10.5 Fr, 23 mm & 28 mm Balloon Diameter

FLEXCATH ADVANCE™

Steerable Sheath
 12 Fr

ACHIEVE™ & ACHIEVE ADVANCE™

Mapping Catheter
 15 mm, 20 mm & 25 mm Loop Size

Rinkinį sudaro priemonės, suderinamos su CryoCath krioabliacijos aparatu CryoConsole



Arctic Front Advance™
 Cardiac Cryoablation Catheter

PRODUCT SPECIFICATIONS

Ordering Information

ORDER NUMBER

2AF233	Arctic Front Advance 23 mm
2AF283	Arctic Front Advance 28 mm

Catheter Specifications

SIZE

Inflated Balloon Diameter	23 mm or 28 mm
Catheter Size	10.5 Fr
Outer Diameter	10.5 Fr
Total Length	140 cm
Useable Length	95 ± 2 cm
Distal Tip Length	13.5 mm

COMPATIBILITY

Recommended Introducer Sheath	FlexCath Advance 12 Fr
Guidewire Compatibility	0.032"-0.035"

DEFLECTION

Deflection	Bidirectional 45°
------------	-------------------

MATERIAL

Tip and Shaft	Biocompatible copolymer (Pebax™) with barium sulfate blend (BaSO4)
Outer Balloon	Polyurethane

INDICATIONS FOR USE

- Treatment of Atrial Fibrillation (AF)

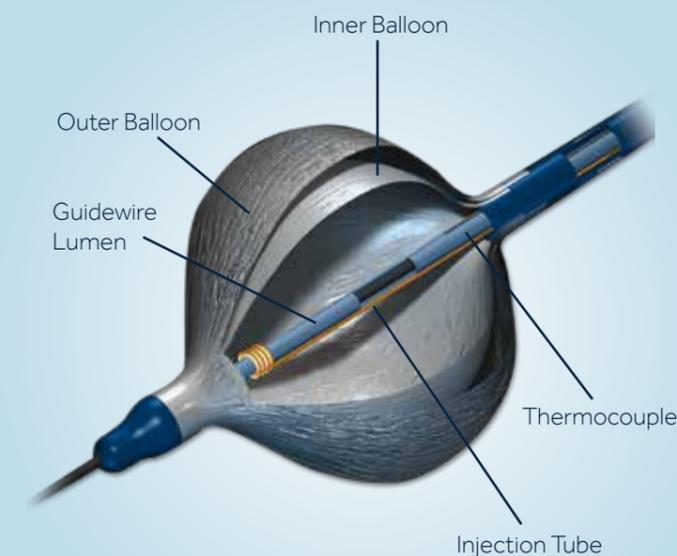
BENEFITS*

- Single shot Cryo technology
- Proven efficacy and safety outcomes
- Reproducible outcomes
- Shorter and more consistent procedure times compared to point-by-point RF ablation

FEATURES

- 2 shaft and 2 radiopaque marker rings to confirm the position of the balloon relative to the FlexCath sheath and patient anatomy
- EvenCool™ Cryo Technology optimizes the delivery of coolant inside the balloon
- A dual balloon structure optimizes safety in the unlikely event that one balloon is compromised

*Refer to the full bibliography.



Arctic Front Advance™
 Cardiac Cryoablation Catheter

FLEXCATH ADVANCE™

STEERABLE SHEATH

Sheath 4FC12 FlexCath Advance 12F
(modelis 4FC12)

PRODUCT SPECIFICATIONS

Ordering Information

ORDER NUMBER

4FC12	FlexCath Advance 12 Fr
-------	------------------------

Sheath Specifications

SIZE

Sheath Inner Diameter	12 Fr
-----------------------	-------

Sheath Outer Diameter	15 Fr
-----------------------	-------

Overall Length	81 cm
----------------	-------

Useable Length	65 cm
----------------	-------

COMPATIBILITY

Catheter Compatibility	Up to 10.5 Fr
------------------------	---------------

Guidewire Compatibility	0.032"-0.035"
-------------------------	---------------

DEFLECTION AND REACH

Maximum Deflection	Unidirectional 135°
--------------------	---------------------

Reach	5.5 cm at 90°
-------	---------------

MATERIAL

Shaft	Biocompatible copolymer (Pebax™) with barium sulfate blend (BaSO4)
-------	--

DILATOR

Overall Length	87 cm
----------------	-------

Material	Biocompatible low-density polyethylene (LDPE) with barium sulfate blend (BaSO4)
----------	---

INDICATIONS FOR USE

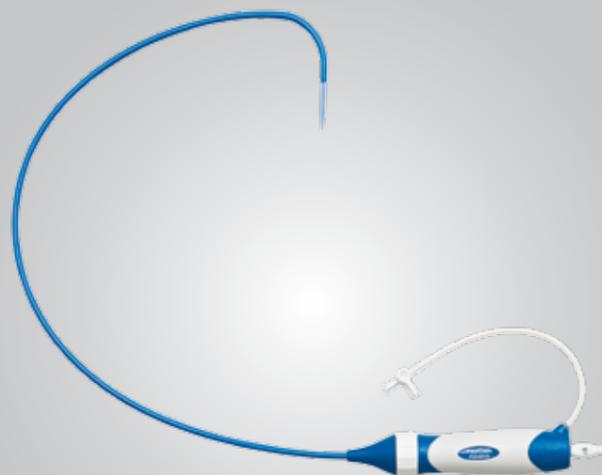
- Percutaneous catheter introduction into the vasculature and into the chambers of the heart

BENEFITS

- Specifically designed and tested for use with Arctic Front Advance™ Cryoballoon

FEATURES

- Hemostasis valve to prevent air ingress and minimize blood loss
- Radiopaque marker band to visually confirm the position of the Cryoballoon within the sheath
- Unidirectional deflection of 135° to improve maneuverability



FlexCath Advance™
Steerable Sheath

ACHIEVE™ AND ACHIEVE ADVANCE™

MAPPING CATHETERS

PRODUCT SPECIFICATIONS

Ordering Information

LOOP SIZE	ACHIEVE™	ACHIEVE™ ADVANCE™
15mm	990063-015	2ACH15
20mm	990063-020	2ACH20
25mm		2ACH25
Connecting cable		2ACHC

Catheter Specifications

SIZE

Catheter Shaft Size	3.3 Fr, 1.1 mm (0.043")
---------------------	-------------------------

Total Length	165 cm
--------------	--------

Usable Length	146 cm
---------------	--------

LOOP

Loop Size	15 mm	20 mm	25 mm
-----------	-------	-------	-------

Number of Electrodes	8	8	10
----------------------	---	---	----

Electrode Length	1 mm	1 mm	1 mm
------------------	------	------	------

Electrode Spacing	4 mm	6 mm	6 mm
-------------------	------	------	------

COMPATIBILITY

Compatible Device	Minimum Internal Diameter (ID) of 3.4 Fr, 1.12 mm (0.044")
-------------------	--

Cable Specifications

SIZE

Length	196 cm
--------	--------

INDICATIONS FOR USE

- Multiple electrode EP mapping of cardiac structure

BENEFITS

- Allows for signal recording pre-, peri- and post-Cryo ablation to assess PVI
- Can be used for cardiac stimulation
- Allows single transeptal puncture and reduction/elimination of catheter exchanges

FEATURES

- Circular loop for mapping electrical conduction between LA and PV
- Nitinol circular loop to accommodate various PV anatomies
- Can be used during cardioversion†

† Applies to Achieve™ Advance™

NEW



Achieve Advance™
Mapping Catheter

PRODUCT SPECIFICATIONS

Ordering Information

ORDER NUMBER

106E2	CryoConsole Gen V RoHS configured for use with the Arctic Front Advance and Freezor Family catheters
-------	--

Console Specifications

SIZE

Height (Max)	157 cm (62")
Height (Min)	126 cm (52")
Depth	59 cm (23")
Width	55 cm (22")
Weight	131 kg (without nitrous oxide tank)

OTHER SPECIFICATIONS

Operation Temperature and Humidity Limitations	15 °C to 30 °C at altitudes less than 2400 meters above sea level at humidity between 30% and 75%
Refrigerant Specifications	Liquefied N ₂ O 99.5% purity with humidity level < 50 ppm

INDICATIONS FOR USE

- Management of the delivery, recovery, and disposal of N₂O during cryoablation procedures

BENEFITS

- Advanced technology for efficient operation
- Flexible and ergonomic
- Intuitive operation

FEATURES

- Ergonomic design
- Height-adjustable monitor
- Touch-screen interface



CryoConsole
Cardiac Cryoablation System

ACCESSORIES

STERILE AND NON-STERILE CRYO ACCESSORIES

Cable 2035U Electrical Umbilical (modelis 2035U) + Cable 203CX Coaxial Umbilical (modelis 203CX)

Ordering Information

ORDER NUMBER STERILE ACCESSORIES

203CX Coaxial Umbilical (each)

203CXC Coaxial Umbilical (case of 12)

2035U Electrical Umbilical (each)

2035UC Electrical Umbilical (case of 12)

20MRK Manual Retraction Kit

ORDER NUMBER NON-STERILE ACCESSORIES

2037A Auto Connection Box

2035W ECG Cable - Used with Freezor Family Only

1035C Scavenging Hose Yellow - 6.0 m

1035D Scavenging Hose Yellow - 7.5 m

1035E Scavenging Hose Yellow - 9.0 m

1035F Scavenging Hose Yellow - 12.0 m

1035G Scavenging Hose Purple - 12.0 m (7.5 mm)

1035H Scavenging Hose Purple - 12.0 m (5.5 mm)

1038E Power Cord CE - 2.5 m

1038U Power Cord UK

1038Y Power Cord Italy

1036W Wrench 28.6 mm for CryoConsole

103NE N₂O Refrigerant

113NE Empty Tank for N₂O Refrigerant

AFAKITU Cryoballoon Procedure Kit (case of 6)

COAXIAL UMBILICAL

- Refrigerant transport to the catheter and vapor recovery to the CryoConsole

ELECTRICAL UMBILICAL

- Electrical connection between catheter and CryoConsole

AUTO CONNECTION BOX

- Electrical interface to the catheter

ECG CABLE

- Interface between focal cryoablation catheter and standard EP system

SCAVENGING HOSE

- Connecting CryoConsole to the hospital gas-scavenging system

CRYO PROCEDURE KIT

- Sterile kit consisting of commonly used components needed to set up a Cryo AF ablation procedure

