

ORDERING INFORMATION

CATALOG NUMBER	ICEFX™ CRYOABLATION SYSTEM AND ACCESSORIES
FPRCH8000-02	ICEfx System, Console only
FPRCH8010	ICEfx Cart
FPRCH4004	Dual Tank Cylinder Gas Adapter, 5M PSI

PART NUMBER	CX CRYOABLATION NEEDLES	CONFIGURATION	SHAFT LENGTH/ GAUGE	TRACK ABLATION RADIAL WIDTH/LENGTH
FPRPR3603	IcePearl™ 2.1 CX Cryoablation Needle	Straight	17.5 cm/14 G	2.1/13 mm
FPRPR3601	IcePearl 2.1 CX Cryoablation Needle	Angled 90°	17.5 cm/14 G	2.1/13 mm
FPRPR3617	IcePearl 2.1 CX L Cryoablation Needle	Angled 90°	23 cm/14 G	2.1/13 mm
FPRPR3604	IceForce™ 2.1 CX Cryoablation Needle	Straight	17.5 cm/14 G	2.5/29 mm
FPRPR3602	IceForce 2.1 CX Cryoablation Needle	Angled 90°	17.5 cm/14 G	2.5/29 mm
FPRPR3618	IceForce 2.1 CX L Cryoablation Needle	Angled 90°	23 cm/14 G	2.5/29 mm
H7493968535330	IceRod™ 1.5 CX Cryoablation Needle	Straight	17.5 cm/17 G	1.7/14 mm
FPRPR3533	IceRod 1.5 CX Cryoablation Needle	Angled 90°	17.5 cm/17 G	2.3/30 mm
H7493968435730	IceSphere™ 1.5 CX Cryoablation Needle	Straight	17.5 cm/17 G	1.6/14 mm
FPRPR3573	IceSphere 1.5 CX Cryoablation Needle	Angled 90°	17.5 cm/17 G	1.7/14 mm
H7493968333170	IceSeed™ 1.5 CX Cryoablation Needle	Straight	17.5 cm/17 G	1.6/14 mm
H7493967433170	IceSeed 1.5 CX Cryoablation Needle	Angled 90°	17.5 cm/17 G	1.6/14 mm
H7493967233100	IceSeed 1.5 CX S Cryoablation Needle	Angled 90°	10 cm/17 G	1.6/14 mm

SYSTEM SPECIFICATIONS

OPERATING CONDITIONS

- Temperature: 10 °C to 40 °C
- Relative Humidity: 30% to 75%

STORAGE CONDITIONS

- Temperature: -15 °C to + 50 °C
- Relative Humidity: 10% to 90%

MECHANICAL SPECIFICATIONS: ICEfx CONSOLE

- Weight: 44 lbs
- Height: 11 in, monitor down
19 in, monitor up
- Foot Print: 14 x 21 in

MECHANICAL SPECIFICATIONS: ICEfx CART

- Weight: 50 lbs
- Height: 36 in
- Foot Print: 18 x 21 in

GAS SUPPLY SPECIFICATIONS

ARGON GAS SUPPLY

- Purity Level: 99.998% or higher
- Solid particle size: < 5 µm

GAS CYLINDER SPECIFICATIONS

- Maximum Pressure: 41.4 MPa 6000 psi
- Recommended Volume of Gas Cylinder: 42 – 50 L
- Connector Valve: CGA677



ICEFX™ Cryoablation System



PRECISE ICEBALL FORMATION

INTUITIVE USER INTERFACE

COMPACT SYSTEM DESIGN

CX CRYOABLATION NEEDLES ARE ENGINEERED FOR OPTIMAL CLINICAL PERFORMANCE

Featuring a proprietary needle design providing precise placement, size and control.

Excellent freezing performance with a portfolio of CX cryoablation needles in a range of ellipsoidal and spherical-shaped ablation zone sizes, delivering the coldest and largest ice on the market on the smallest diameter needle shaft.

CX needles eliminate the need for helium to conduct active thawing, resulting in up to 65% total gas cost savings.¹

The track ablation feature with the CX needle allows for thermal ablation to induce tissue necrosis along the needle track thereby creating an environment not conducive to tumor cell proliferation.²



Cryoablation Needles Indications, Safety, and Warnings

<https://www.bostonscientific.com/cryoneedles-indications>



ICEfx™ Cryoablation System Indications, Safety, and Warnings

<https://www.bostonscientific.com/icefx-indications>



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¹ BSC Internal Test Reports. Data on file.
² Akhavan, A, et al. Tumour-seeding: a rare complication of ablative therapy for clinically localised renal cell carcinoma. BMJ Case Reports 2012; voi:10.1136/bcr-2012-006948

ICEFX™ Cryoablation System

ICEfx Cryoablation System, offers predictable, reliable cryoablation performance and seamless therapy delivery with the exceptional ease of technical operation.

PRECISE CONTROL

- Four independent channels supporting up to eight of the most advanced cryoablation needles.
- Two multi-point thermal sensors for detecting location and temperature for procedural performance.
- CX needles allow for helium-free thawing and track ablation options.

COMPACT DESIGN

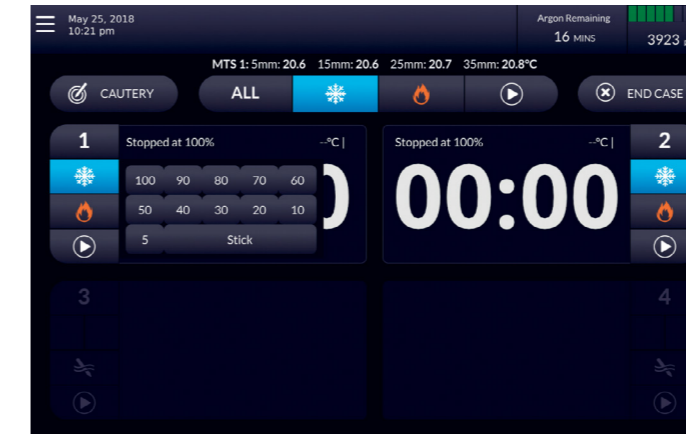
- Smaller footprint and weight allows for mobilization of the console.
- Mobile cart offers a center storage area for accessory bag or four needle boxes.



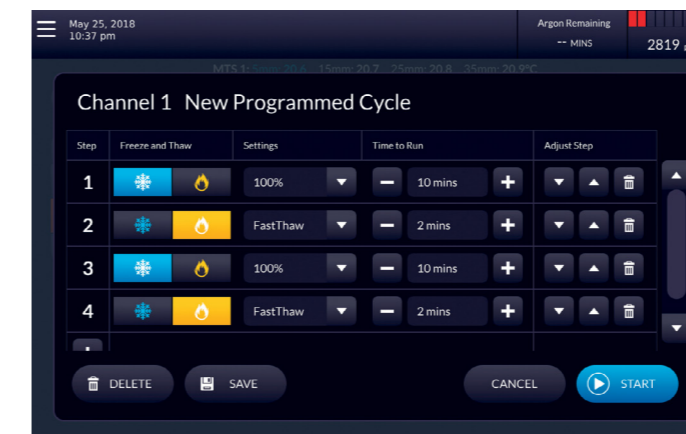
INTUITIVE USER INTERFACE

- Simplified procedural interface offers equivalent iceball performance as larger cryoablation systems.¹
- Large timers allow visualization of case progression from a distance.
- Icons and system wizards guide procedural actions.

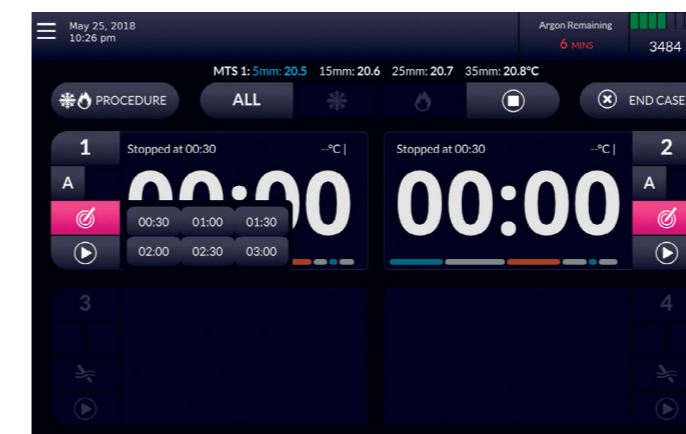
TOUCH SCREEN DISPLAY TO GUIDE PROCEDURAL EFFICIENCY



ICEfx allows for adjustable freeze cycles from 5% to 100%, providing precise control over iceball formation and location.

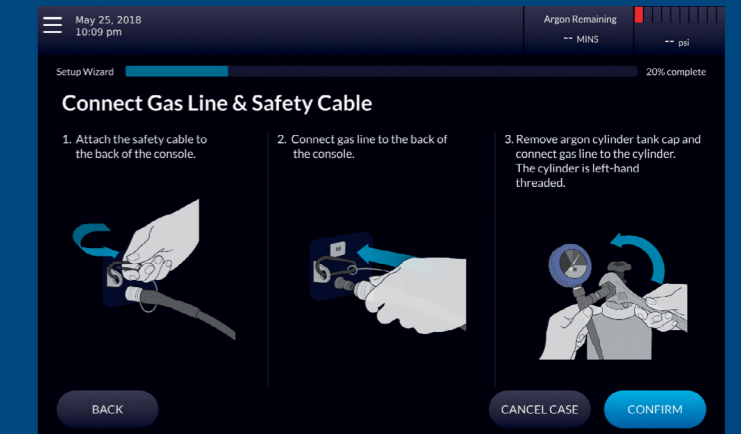


Customized cycle sequence programming allows frequently used freeze/thaw cycles to be programmed and saved. Pre-programming may shorten overall case duration.

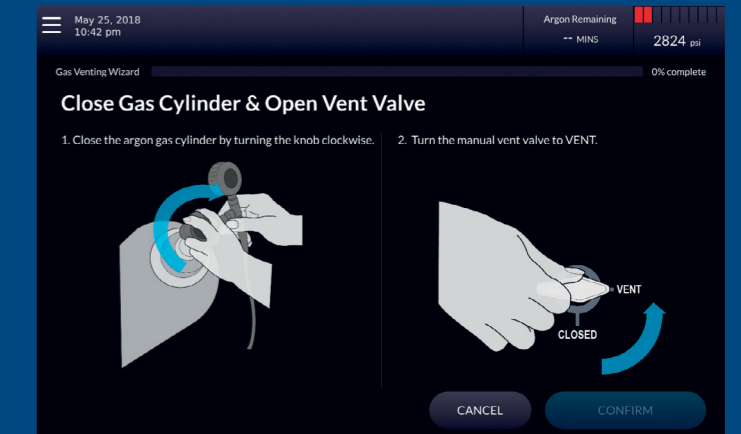


Cautery function allows track ablation to be performed creating a uniform zone of coagulative necrosis.²

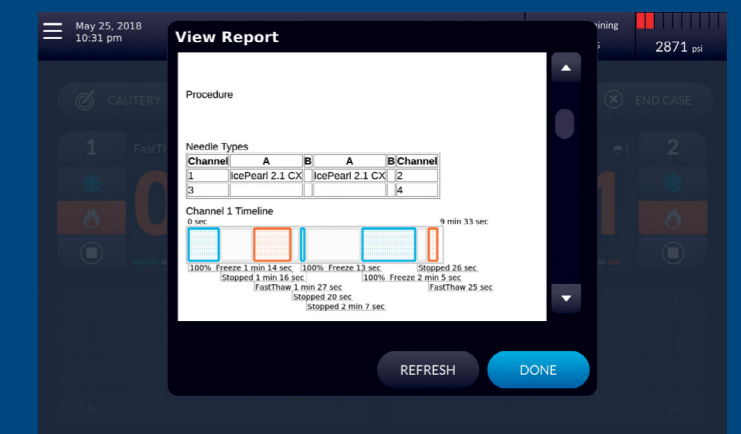
SYSTEM WIZARDS PROVIDE EXCEPTIONAL EASE OF USE



The on-screen set-up and shut-down wizards allow for step-by-step guidance of system operation.



CUSTOMIZED PROCEDURAL REPORTS



Provides case overview, needles, channels used, freeze times, and thawing durations, allows for viewing during the procedure.