

## Smart. Stable. Steady.



www.cryotherm.de | www.cryotherminc.com



### BIOSAFE® up to 2,400 |

Smart. Stable. Steady.

#### **Outstanding Quality**

Manufactured in Germany to the highest standards for medical devices (compliant to directive MDD 93/42 EEC), the BIOSAFE® features a comfortable finish that is optimised for aseptic environments.

BIOSAFE

2400

Made for More

Manifold possibilities to mount additional redundant sensors.

#### Zero-Gravity Lid

A convenient spring supported lid lets you open the freezer with one hand and zero effort. Keeps your handsfree, just move it to the side.

#### **Best in Class Capacity**

Store up to 120,000 2ml vials – more than ever before.

exemplary illustration

#### **Sophisticated Ergonomics**

Secure steps, supporting hand grips, and a user friendly low operating height ensure easy accessibility and safety at all times.

#### **Advanced Economy**

Our special vacuum super insulation minimises your spread of liquid nitrogen. Our industry-leading evaporation rates save resources.

Smart. Stable. Steady.

### Your Biobanking 4.0 - Our Best Biobank Yet

-190°C

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#### **Big Data**

Log and monitor all events and extract data to gain critical insights about your samples.

Locks the lid automatically. Twofold access control via RFID transponder and PIN. Logs all activities on the freezer. Complies to GMP FDA CRF 21 part 11.

Cryotherm BIOSAFE -smart

STATUS

#### Touch Screen

Intuitive multifunctional 8,8" panel with touch colour display. Bright and energy efficient.

#### **Best Construction**

Protected by sturdy glass panel, ideal for aseptic and medical environments.

#### **High Compatibility**

Integrates seamlessly into your workplace and adapts to your needs. Features established interfaces and international voltages.

#### **Choose your BIOSAFE® smart. Software**

**Smart config-Version** On-site freezer monitoring system. Smart + Info.View Onsite and remote desktop system with safe data transfer and connection of up to 254 BIOSAFE<sup>®</sup> freezer in up to 10 different groups. Smart + messenger Info.Alarm Includes all features from smart+ with encrypted SMS (via provider\*) and eMail alarm.

 \*) Additional charges for provider services might be possible.





100% Control

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### **The One-Stop Biobank**

#### Expert support

We are specialists in the field, and can help you find the most efficient solution for your facility.

## YEARS Our Expertise

closely work with scientists and researchers.



Service Helpdesk, Hotline 24/7, Maintenance schedules.

**BIOSAFE® smart** The digital brain of the biobank.



of the complete bio repository.

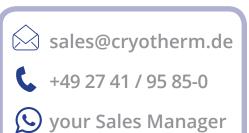
Made in Germany

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### **Main features**

#### BIOSAFE<sup>®</sup> smart, On-site freezer monitoring system including:

- Logging and monitoring of alarms and events
- Data storage according to GMP FDA CRF 21 Part 11
- Twofold access control via RFID transponder and PIN
- LN2-Level Controller (indication and refilling of liquid nitrogen)
- Temperature measurement with up to 3 temperature sensors
- Optical and acoustical alarm signal on the panel
- Forwarding of alarms notifications and temperature data
- Further optional functions: Battery back-up, warm gas bypass, software with alarm and messenger
- Ethernet interface, network-compatible



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#### **BIOSAFE®** smart

X	material number		qty
$\Box$	78221903	BIOSAFE®smart120	
$\Box$	78221906	BIOSAFE®smart220	
$\Box$	78221909	BIOSAFE®smart420	
$\Box$	78221912	BIOSAFE®smart500	
$\Box$	78221915	BIOSAFE®smart600	
$\Box$	78221918	BIOSAFE®smart1000	
$\Box$	78221921	BIOSAFE <sup>®</sup> smart1400	
$\Box$	78221924	BIOSAFE®smart2400	

Software options					
78216677	BIOSAFE® smart+				
78216678	BIOSAFE <sup>®</sup> smart+ messenger				

### (230), medical device compliant to MDD 93/42 EEC

material number		qty
78221879	BIOSAFE®smart120 MD	
78221882	BIOSAFE®smart220 MD	
78221885	BIOSAFE <sup>®</sup> smart420 MD	
78221888	BIOSAFE®smart500 MD	
78221891	BIOSAFE®smart600 MD	
78221894	BIOSAFE®smart1000 MD	
78221897	BIOSAFE <sup>®</sup> smart1400 MD	
78221600	BIOSAFE®smart2400 MD	

Additional equipment options are available.









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