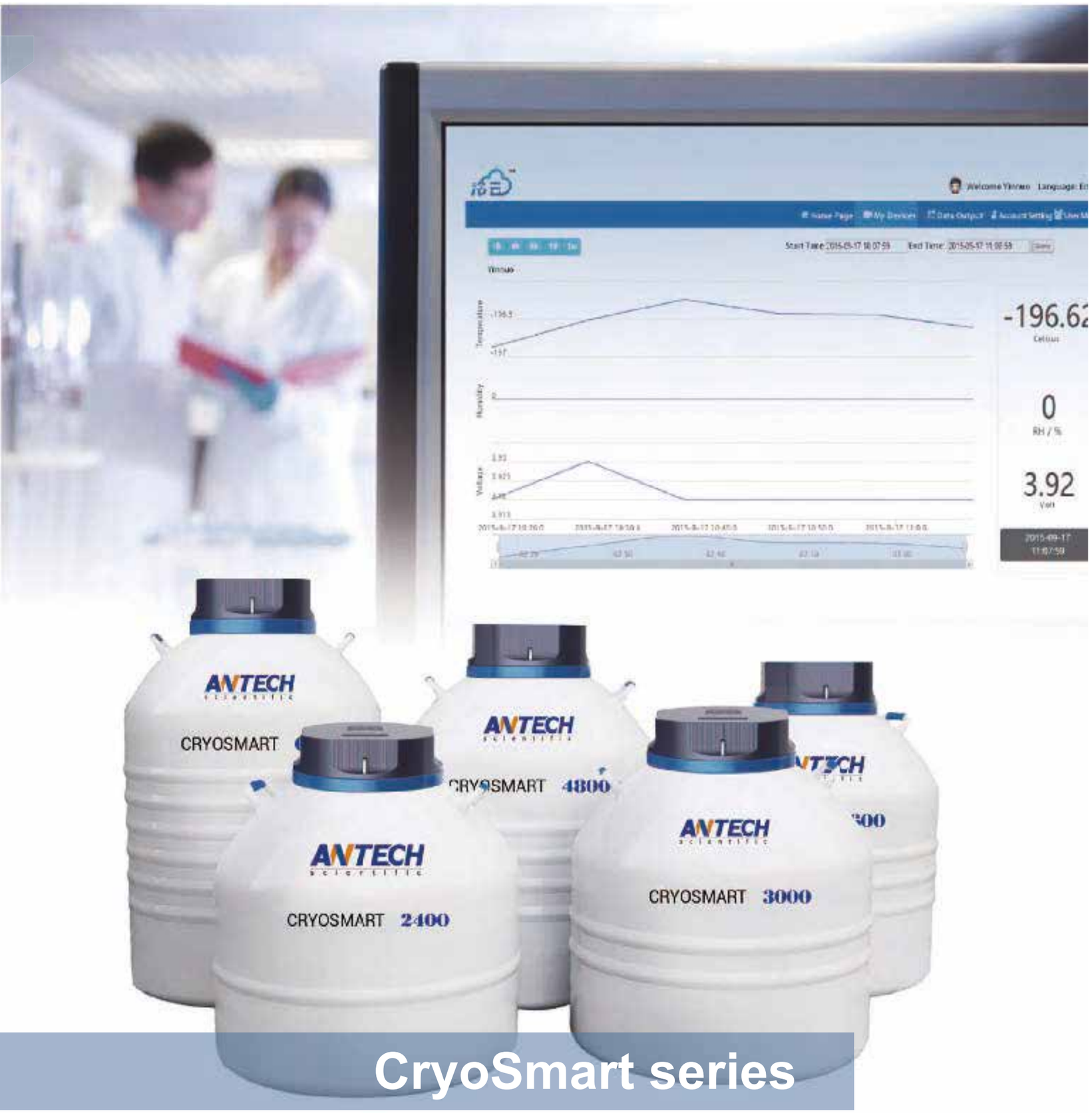


CryoSmart series

Introduction

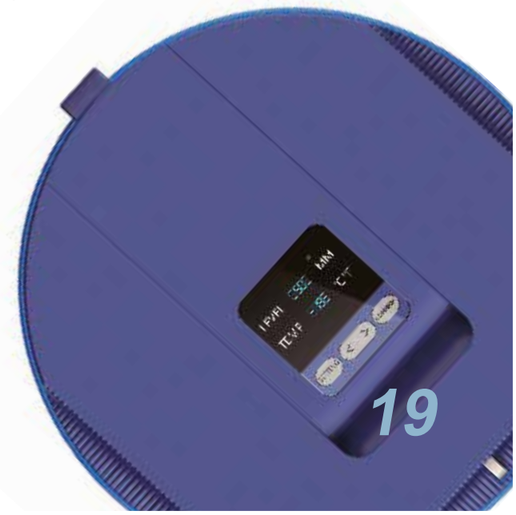
CryoSmart series realize real-time temperature and liquid level monitoring, remote monitoring, alarming and automatic backup the monitoring data in cold cloud platform. CryoSmart series combined with the advanced manufacturing technology and intelligent monitoring technology to meet different needs of professional users all over the world.

This kind of container provides high efficiency of large capacity sample cryopreservation which with light weight and small space occupying. It monitors the running real time status of containers and notify users once any problems occur ensuring stable running and samples storage security. Mainly apply to medical field and samples bank users who has demand for high-end products.

CryoSmart series have completely solved the technological difficulties of electronics information technology and low power consumption technology in -196℃ low temperature application.

Key Features

1. Intelligent temperature real time monitoring
2. Intelligent liquid level real time monitoring
3. Intelligent remote alarm
4. Running data intelligent backup
5. Low power consumption
6. Replaceable battery
7. Ultra less liquid nitrogen consumption
8. Innovative overall appearance
9. Dual-lock construction
10. 5 year vacuum warranty

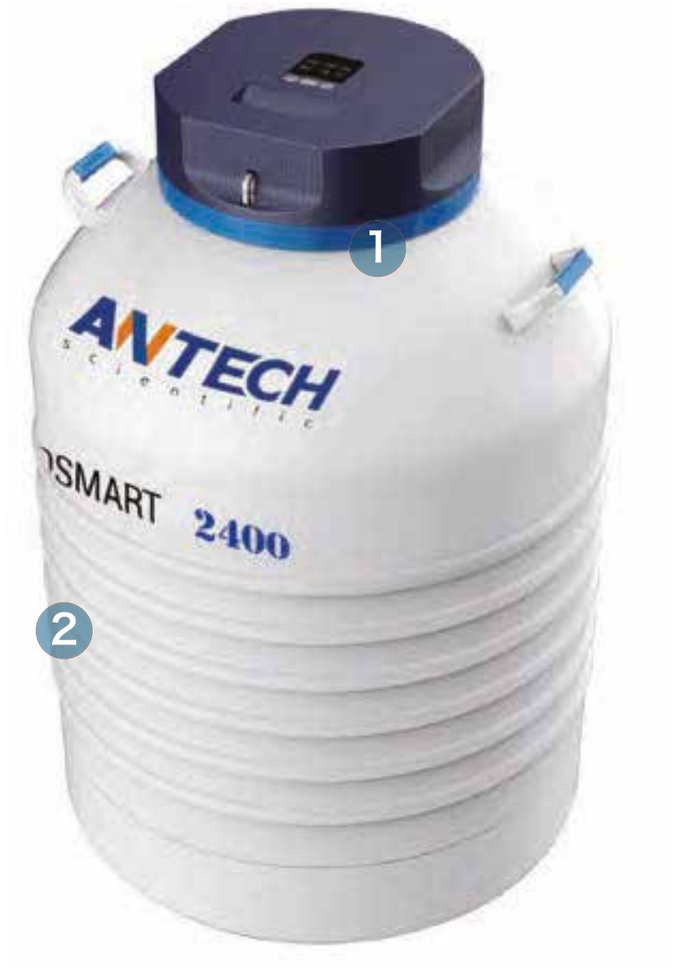


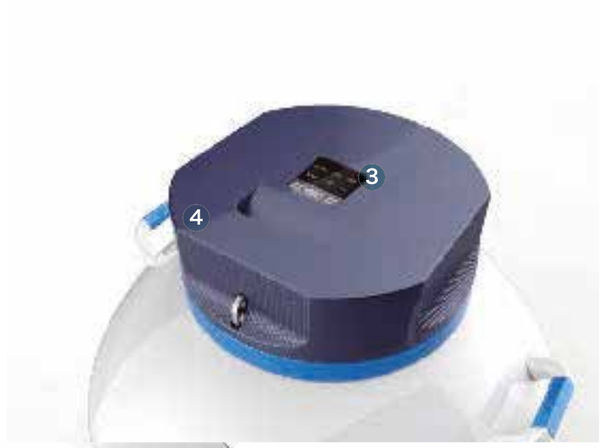
Products Details

Steady and Plump Appearance

Professional industrial design, strong elements feature, plump line reflect the stable of device while ensuring the tank structure strength. Reasonable stiffener layouts make the tank more robust and straight.

1. Strong art element features
2. Reasonable stiffener layouts

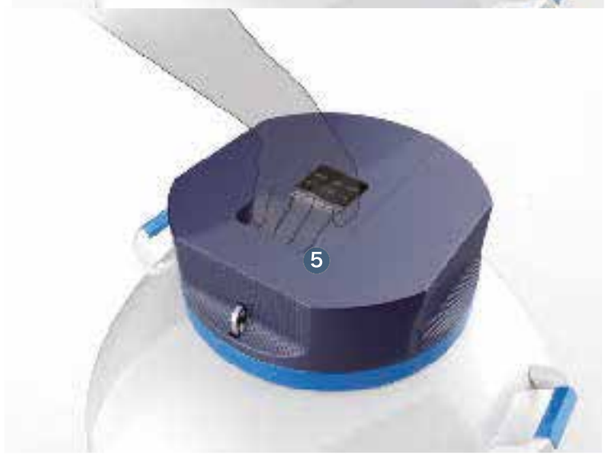




Professional Functional Design

Unique temperature/liquid level monitor and real-time alarm functions, real-time running data backup ensure more stable. Combining professional intelligent function tank createsperfect user experience.

3. Integrated OLED Intelligent connected functional module
4. Equipped with Intelligent connected locking lid



Ergonomic Experience

Meet the operational needs of professional users and completely eliminate the inconvenience in use. Integrate ergonomics into the design to create overall first-class ergonomic experience.

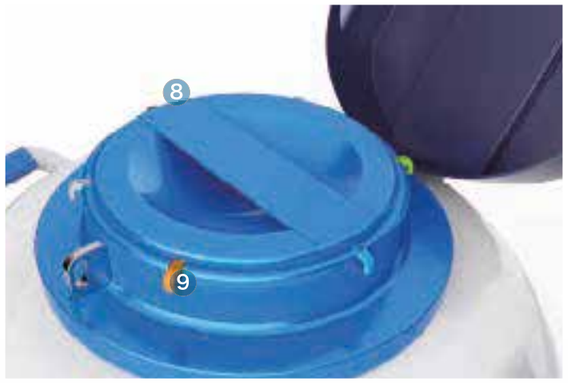
5. Comfortable operational experience

Perfect Details Design

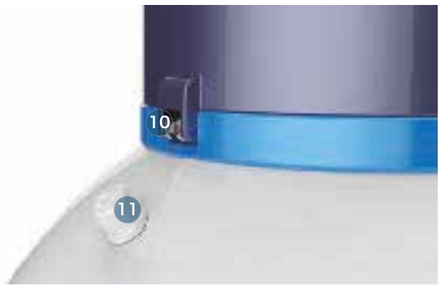
Extreme demanding design requirement, adopting art processes and standards to carve products, every detail is crafted Touching user hearts is our ultimate goal

6. Art texture outer lid processing
7. Dual-lock stainless steel lock

Products Details



8. Art texture inner lid processing
9. Unique color distinguish handles



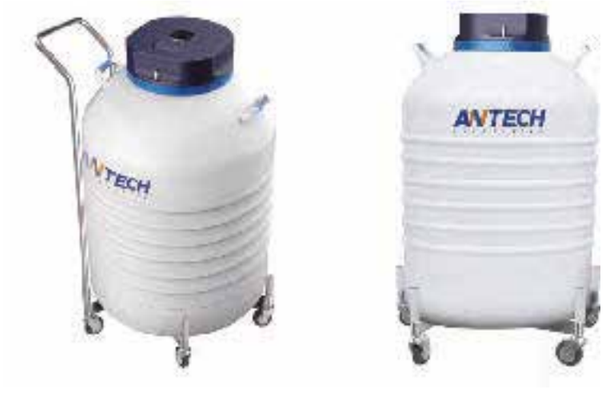
10. High strength rotation axis with damper
11. Unified vacuum mouth protectors

12. Rubber bumpers

Important Accessories

Roller base RB-216 (left), for tanks ≥ 65L

Roller base RB-65 (right), for tanks ＜ 65L



Technical Parameters

Model	CryoSmart 600	CryoSmart 750	CryoSmart 900
Maximum Storage Capacity			
Number of Racks (EA)	6	6	6
1.2&2ml Vials (25/box)	600	750	900
Number of Boxes per Rack (EA)	4	5	6
Performance			
Liquid Nitrogen Capacity (L)	31.5	35	47
Static Evaporation (L/day)*	0.28	0.29	0.33
Capacity (L)	31.5	35	47
Working Duration (whole day)**	71	76	90
Dimensions			
Neck Diamter (mm)	125	125	127
Overall Height (mm)	659	700	753
External Diameter (mm)	461	461	461
Weight Empty (kg)	14.3	14.5	15.4
Weight Liquid Full* (kg)	38.9	43.2	53.9

Model	CryoSmart 2400	CryoSmart 3000	CryoSmart 3600	CryoSmart 4800	CryoSmart 6000
Maximum Storage Capacity					
Square Canisters (EA)	6	6	6	6	6
1.2&2ml Vials (100/box)	2400	3000	3600	4800	6000
Number of Boxes per Canister (EA)	4	5	6	8	10
5ml Vials (36/box)	648	864	1080	1296	1728
Number of Boxes per Canister (5ML*EA)	3	4	5	6	8
Performance					
Liquid Nitrogen Capacity (L)	65	95	115	140	175
Static Evaporation (L/day)*	0.79	0.81	0.83	0.87	0.87
Capacity (L)	55	85	105	130	165
Working Duration (whole day)**	44	66	80	94	126
Dimensions					
Neck Diameter (mm)	216	216	216	216	216
Overall Height (mm)	710	726	796	910	1026
External Diameter (mm)	681	681	681	681	681
Weight Empty (kg)	27.5	34.5	38.5	42.5	55
Weight Liquid Full* (kg)	80.8	112.4	132.8	157.3	198.5

★Static evaporation rate and static holding time are nominal. Actual rate and holding time will be affected by the nature of container use, atmospheric conditions, and manufacturing tolerances.

★★ Normal Working Duration is an arbitrary reference, to estimate container performance under normal operating conditions. Actual working time may vary due to current atmospheric conditions, container history, manufacturing tolerances and individual patterns of use. Divide static holding days by 1.6, and you get empirical value.