

Cryosmart Series



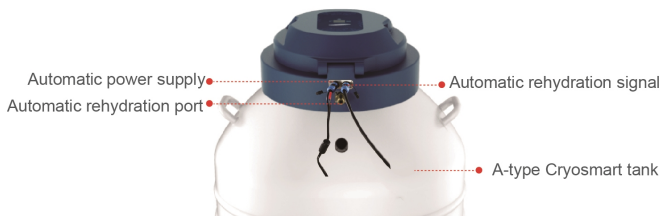
Model	Cryosmart
Package	Carton
Capacity	65L~175L
Warranty	5 Years(vacuum), 1 Year(total)
Certification	CE
Components	Aluminum Alloy
Place of origin	Chengdu, China
After-sales Service	Online Support

Product Introduction

Cryosmart series: a combination of advanced liquid nitrogen tank production and intelligent monitoring. Based on Kirin cloud management platform, operation status can be realized in real time.

Features

- 01 Sample storage capacity is optional from 2400-6000
- 02 Intelligent remote alarm system (telephone, SMS, E-mail, WeChat)
- 03 Real-time monitoring of temperature and liquid level
- 04 Automatic backup data
- 05 Safe double-lock structure
- 06 Easy battery replacement
- 07 Reliable Kirin cloud platform
- 08 Safe and worry-free automatic filling liquid nitrogen system (optional)



A-type is equipped with an automatic refilling liquid nitrogen system, which can be used as the vapor phase tank.



Parameter

Name	Model	Cryosmart 2400	Cryosmart 3000	Cryosmart 3600	Cryosmart 4800	Cryosmart 6000
		Cryosmart 2400A	Cryosmart 3000A	Cryosmart 3600A	Cryosmart 4800A	Cryosmart 6000A
Product Performance	LN2 Capacity(L)	65	95	115	145	175
	Neck Opening(mm)	216	216	216	216	216
	Static Evaporation Rate(L/D)	0.79	0.81	0.83	0.85	0.87
	Static Holding Time (d)	83	117	139	171	201
Rack 2ml Vials	Number of Racks(ea)	6/7	6/7	6/7	6/7	6/7
	Size of Racks(mm)	142*144	142*144	142*144	142*144	142*144
	Size of Vial Boxes(mm)	134*134	134*134	134*134	134*134	134*134
	Layers of Racks(ea)	4	5	6	8	10
Rack 5ml Vials	Number of (1.2-2ml)Vials(ea)	2400/2800	3000/3500	3600/4200	4800/5600	6000/7000
	Capacity of vial Boxes(ea)	81	81	81	81	81
	Layers of Storage(ea)	2	2	3	4	5
	Number of Canister(ea)	6	6	6	6	6
Tank Size	Number of Vials(ea)	972	972	1458	1944	2430
	Overall Height(mm)	740	805	875	975	1090
	Outer Diameter (mm)	681	681	681	681	681
Other Accessories	Weight Empty(kg)	41	45	49	54	58
	PU Bag	N	N	N	N	N
	Lockable Lid	Y	Y	Y	Y	Y
	Roller Base	Optional	Optional	Optional	Optional	Optional
	Temp Sensor	Y	Y	Y	Y	Y
	Liquid Level Sensor	Y	Y	Y	Y	Y
	Data Recode and Remote Alarm	Optional	Optional	Optional	Optional	Optional
	Automatic Filling	Optional	Optional	Optional	Optional	Optional

* Static evaporation and static holding time are theoretical values. Actual evaporation and holding time will be affected by the container usage, atmospheric conditions and manufacturing tolerance.