

High Thermal Efficiency
5 Year Vacuum Warranty
Cryobox Storage
Goblet Storage
Liquid or Vapour
Auto Fill
Cane Storage
Vial Storage
MDD 93/42/EEC Compliant
Lockable Lid
Durability
Straw Storage
Data Logging
Low Level Alarms
Dispensing Solutions
Safety Face Shield
Safety Signs
Safety Gloves
Oxygen Alarms



Equipment for I.V.F Labs

Since formation in 1969 Statebourne Cryogenics has been manufacturing cryogenic products of the highest quality to its customers. All vessels are built under ISO9001:2000 manufacturing conditions and conform to the Medical Device Directive, Pressure Equipment Directive, and Tissue Storage Directive.

Our products carry a 5 year vacuum warranty as standard a tangible demonstration of the confidence we have in our products.

Ranges include:

Bio Series: Static small to medium LN₂ refrigerators for the storage of vials, straws, goblets, and canes.

Biorack Series: Medium to large static refrigerators that can solve many storage issues of samples without the need for expensive automatic vessels. The Biorack range normally stores 2ml vials but have been adapted to store canes and goblets. **(New Products)**

Biosystem Series: Automated vapour phase storage of canes, vials and goblets.

Cryolab Series: Inexpensive dewars for small to medium users.

Cryostor Series: Pressure vessels for volumes from 30 litres to 500+ litres.

Safety products: including Gloves, Aprons, Visors, Oxygen Alarms and Low Level Alarms.

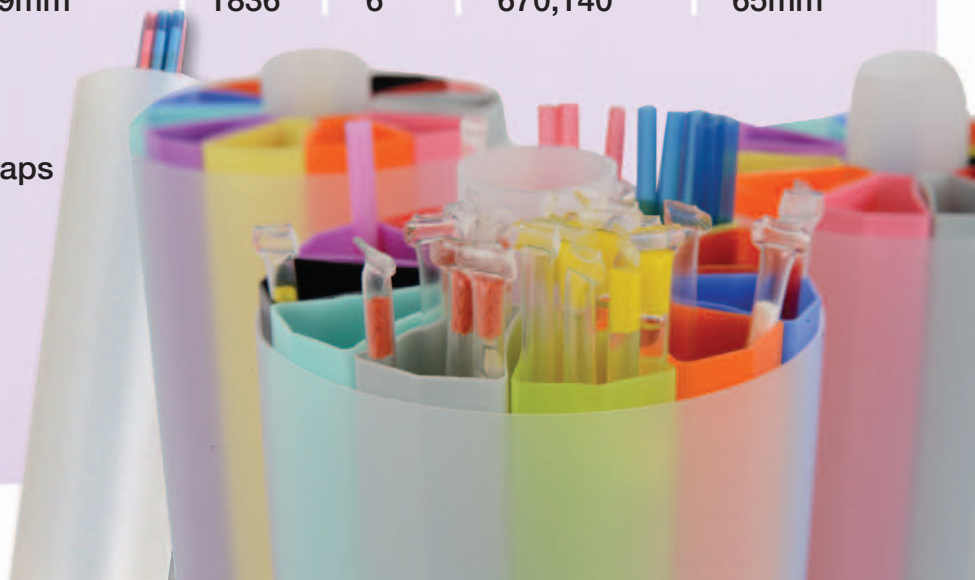


STATEBOURNE
biosystem 21
-194°C True Vapour

STRAW AND GOBLET STORAGE WITH STATEBOURNE CRYOGENICS LN2 Refrigerators

Part Number	Vessel Diam. x Height	Canister Size	Goblets	Layers	0.5ml Straws*	Goblet size
9902015	BIO 2	25 X 120	3	1	120	13mm
9902030	BIO 3	38 X120	6	1	500	35mm
9902050	BIO 8	38 X 120	6	1	500	35mm
9902070	BIO 12	46 X 120	9	1	2200	35mm
9902095	BIO 21	68 X 120	6	1	2300	65mm
9902096	BIO 22	73 X 120	10	1	3800	65mm
	<i>New Product.</i>					
9902149-G	BIORACK 3000	69 X 140	24	1	8760	65mm
9902060	BIO 10	38 X 275	12	2	1000	35mm
9902080	BIO 20	38 X275	12	2	1000	35mm
9902120	BIO 35	38 X275	12	2	1000	35mm
9902110	BIO 34	69 X 275	12	2	4200	65mm
9902130	BIO 36	73 X 275	20	2	7800	65mm
	<i>New Products.</i>					
9902154-G	BIORACK 4800	69 X 405	72	3	26280	65mm
9902144-G	BIORACK 6000	69 X 540	98	4	35040	65mm
9916025	BIOSYSTEM 12	69mm	208	4	75,920	65mm
9916060	BIOSYSTEM 24	69mm	490	5	178,850	65mm
	<i>New Product.</i>					
9916092	BIOSYSTEM 21	69mm	480	6	168,000	65 mm
9916082	BIOSYSTEM 40	69mm	712	4	324,850	65mm
9916049	BIOSYSTEM 80	69mm	1530	5	558,450	65mm
9916084	BIOSYSTEM 100	69mm	1836	6	670,140	65mm

* Number of straws stored will vary depending on size of straw, overwraps and subdivision in goblets.



2ml VIAL CAPACITY STORAGE WITH STATEBOURNE CRYOGENICS LN2 Refrigerators

Part Number	Vessel Sleeve	Canister Size Diam x Height	Canisters	2ml Vials	2ml Vial + Cardboard Sleeve 285 x 14mm	2ml Vial + Plastic Sleeve 285 x 15mm
9902060	BIO 10	38 X 275	6	180	108	108
9902080	BIO 20	38 X 275	6	180	108	108
9902120	BIO 35	38 X 275	6	180	108	108
9902110	BIO 34	69 X 275	6	684	504	432
9902130	BIO 36	73 X 275	10	1020	960	840
9902149	BIORACK 3000	6 racks of 100 cell boxes		3000*		
9902154	BIORACK 4800	6 racks of 100 cell boxes		4800*		
9902144	BIORACK 6000	6 racks of 100 cell boxes		6000*		
9916025	BIOSYSTEM 12	100/25 place rack		12,300*		
9916060	BIOSYSTEM 24	100/25 place rack		24,050*		
9916092	BIOSYSTEM 21	18 racks of		21,000*		

CANE AND SLEEVE STORAGE WITH STATEBOURNE CRYOGENICS LN2 Refrigerators

Part Number	Vessel	Canister Size Diam x Height	Canisters	Cane & Sleeve Cardboard 285 x 19mm	Cane & Sleeve Plastic 285 x 15mm
	<i>New Products.</i>				
9902149-15C	BIORACK 3000	69 X 275	6	480	480
9902154-15C	BIORACK 4800	69 X 285	6	480	480
9902060	BIO 10	38 X 275	6	18	18
9902080	BIO 20	38 X 275	6	18	18
9902120	BIO 35	38 X 275	6	18	18
9902110	BIO 34	69 X 275	6	84	72
9902130	BIO 36	73 X 275	10	160	140

* see standard Biorack and Biosystem pdf brochures.



LN2 Sample Storage Refrigerators

Bio Range

Bio Range

Traditional LN2 refrigerators that range from 2 Litres to 36 Litres volume, that can hold both Goblets, Canes and Sleeves.

All vessels feature lockable lids and plugs can be modified to take either low level alarms or external probes.

The Bio range all come complete with canisters that range from 25 to 73 mm diameter, and both single height and double height canisters for goblets. The canisters can hold a range of canes with or without sleeves.

The Bio range also has roller bases for larger units and lifting handles for smaller units.

Liquid Phase – for storage of small numbers of samples with a maximum capacity 20 x 65mm goblets. Narrow neck vessels to minimise LN2 losses.

Vapour phase – Limited range and suitable for small sample capacity. Useful for quarantine storage. For vapour phase storage it is recommended a low level alarm is fitted.



LN2 Sample Storage Refrigerators

New Products
for 2016

Biorack Range

Bioracks are a range of larger LN2 refrigerators that can hold many more samples than the standard 36 Litre dewars. If the laboratory is running out of space the Bioracks can offer a better space saving alternative, with a single vessel storing 5 x the capacity of largest 36 litre standard dewars. The Bioracks loss rate of under a litre per day means that the consumption of LN2 is actually reduced!

The Biorack 3000-G is a new product and is excellent for storing tissues/embryos as this will hold 24 goblets in a single layer and can either store in liquid or vapour phase. With the single layer goblets samples can be retrieved without exposing other samples to transient warming.

The Biorack has a complete range of roller bases and lockable lids, and again plugs can be modified to accept Low Level Alarms/temperature probes.

Biorack Range – Liquid Phase

If space is at a premium look at the Biorack range. The Bioracks can hold up to 98 Goblets and 480 Canes with Sleeves with a loss rate of less than 1 litre per day, making Bioracks a good space saving option for expanding laboratories. The Bioracks can also store 2ml cryovials, and racks can be mixed to make the best use of a vessel.

Biorack Range – Vapour Phase

Bioracks can store samples in vapour phase with a storage temperature of -185C, and the Biorack design enables samples to have a built in reservoir of LN2. The Biorack 3,000 stores all goblets at one level, so there is no removal of any samples to access goblets at lower levels. The Biorack 4800 can store 480 canes in vapour phase, as well as 48 goblets, and the Biorack 6,000 can store upto 72 goblets (65mm). For vapour phase storage it is recommended that a low level alarm is fitted

Biorack Autofill : Bioracks can also be fitted with an auto fill system that will automatically top up the Biorack with LN2 from a local supply tank (Cryosstor)



Bio system Archive and Access for automated refrigerators

Biosystems .

These are automated LN2 systems that can store samples at very low temperatures of -194°C even in vapour phase.

The Biosystem 21 is a low loss vessel and will hold samples at cryogenic temperatures for at least 14 days with the LN2 switched off.

The Biosystem is suitable for pipeline use or can be used with a local supply tank.



Liquid Nitrogen Supply Dewars

CRYOLAB RANGE

Cryolabs are aluminium supply vessels ranging from 2 to 50 litres, and are used for storing LN2. The larger vessels can be fitted with a withdrawal device for dispensing 1-2 litres/minute through a flexible hose. For the more difficult access laboratories there is a Transport Trolley for the Cryolab 25 that makes moving a full vessel very easy.

Easy to use.

Not a pressure vessel so no annual service or inspection required.

No lifting required with dispensing hose great for small labs.

Flexible hose options.

Easy to move trolleys for difficult steps/pavements.



Transport Trolley makes moving a full Cryolab 25 (26kg) easier over rough areas.



* For dispensing options see website and go to downloads

Liquid Nitrogen Supply Dewars

CRYOSTOR and CRYOCYL RANGE

Cryostors

Supply dewars for larger quantities of LN2 from 60 Litres to 300 Litres are all on castors and can be used to transport LN2 with ease. The larger vessels have pull bars and a small base to make moving the vessel easier.

External Supply tanks and pipelines

Statebourne Cryogenics manufacture external tanks from 500 to 8,000 litres with pipelines and fully integrated safety systems to conform to the latest safety standards.

Suitable for large volume dispensing.

Pressure build so can dispense into all vessels

Wheels and pull bars

Vessel with low centre of gravity so easy to move

Dispensing valves and hose options*

Training can be provided

Can be located interior or exterior.



* For dispensing options see website and go to downloads.

ALARM AND TEMPERATURE LOGGING

Statebourne supply a range of Oxygen alarms



Statebourne manufacture a range LN2 alarms

Operate on low levels of LN2 so will always give you a pre-warning.

Can be battery or mains powered.

For any new units purchased, a lid can be modified to take an alarm/ temperature probe

Older Statebourne vessels can have alarm lids modified.

Can link to other alarm systems.



Safety Equipment and Dry Shippers

Safety products: including Gloves, Aprons, Visors etc are available.



Biotreks

Range of dry shippers for transporting samples in “dry” dewars. Sample security, Range of low level alarms.
Battery powered low level alarms.
Mains powered low level alarm linked to laboratory alarm.
Low level alarm with internal data logger.



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Via the website using the contact us page: www.statebourne.com



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