



# International Cryogenics, Inc.

*Innovators in cryogenic dewars and transfer equipment*

## **DIRECTOR SERIES, Inventory Racking System**

- Efficient and easy storage
- Rugged construction
- 3-year vacuum warranty



### **Designed for Vial Storage**

The Director Series Group is designed primarily for storing vials in liquid nitrogen. These units range in size from 60 Liters to 120 Liters and can store 2,000 and 4,000 vials.

### **Features**

- Larger neck openings
- Lightweight aluminum construction
- Durable inventory racks
- High strength aluminum shell
- Greater nitrogen efficiency
- Easy access and retrieval of samples

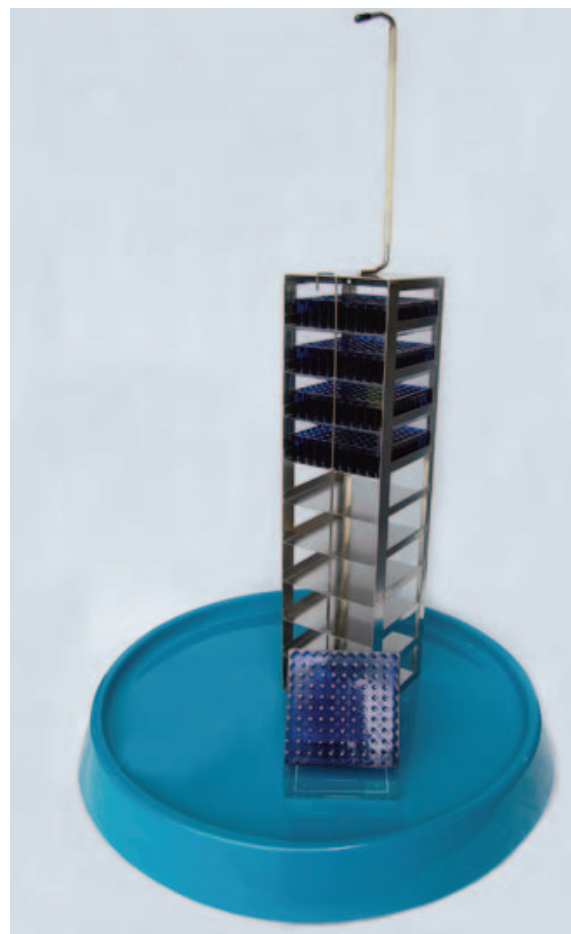
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# Director Series, Inventory Racking System SPECIFICATIONS

All dewar models and sizes shown below are available for shipment from our Indianapolis, Indiana manufacturing facility. Our strict quality control governs every step of our manufacturing process to ensure years of trouble-free performance, fully backed by our 3-year vacuum warranty. Every Director comes standard with inventory racks and is thoroughly tested and quality documented before leaving our facility.

Model	D-4000	D-2000C
LN2 Capacity, Liters	120	60
Static Hold Time, Days	150	83
Evap. Rate, Liters/day	.80	.72
Working Time/days	94	52
<b>Dimensions</b>		
<u>Necktube</u>		
in.	8.5	8.5
mm	216	216
<u>Outside Diameter</u>		
in.	22	22
mm	559	559
<u>Height</u>		
in.	38	28
mm	965	711
<b>Weight</b>		
<u>Empty</u>		
lb	71	55
kg	32.5	25
<u>Full</u>		
lb	285	163
kg	129.5	74
<b>Racks</b>		
Number	4	4
Boxes/rack	10	5
Box dimensions, inches	5.25 x 5.25	5.25 x 5.25
mm	133 x 133	133 x 133
Ampules per box	100	100
Boxes per vessel	40	20
<b>Capacity</b>		
Ampules in boxes (1.2 or 2.0 ml)	4000	2000



Roller base, inventory rack shown with vial boxes (optional), low level alarm.



Transfer Line

- Evaporation rate and hold time are nominal.
- Working time is an arbitrary reference, to estimate container performance under normal operating conditions.



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