

CRYC-Series, Liquid Nitrogen Container With Racks

The series products are designed for storing biological samples in vials, especially suitable for the fields of medical treatment and biological science and research. They feature in storing large capacity of biological samples and low liquid nitrogen consumption, which are the most economical choice.



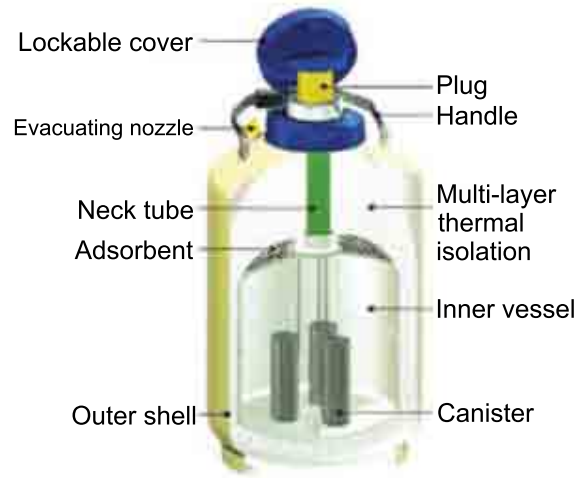
Main Features:

- Unique hanging rack and grided box design, allows for easy tracking and retrieval of samples.
- Advanced vacuum insulation minimizes liquid nitrogen evaporation and reduces operating costs.
- Durable aluminium construction provides years of trouble free service.
- Compact size allows system to easily fit into any lab.
- An optional sturdy 4 wheels cart provides easy movement within the laboratory.
- Super vacuum insulation offers unbeatable liquid nitrogen efficiency.
- Level measuring scale (optional), for measuring the capacity of liquid nitrogen.
- Lockable cover (optional), prevent unauthorized entry.
- Plastic box, for storing in vials.
- Narrow neck design.

Model	Unit	CRYC-47	CRYC-65	CRYC-120	CRYC-175
Capacity	L	47.0	65.0	121.0	175.0
Empty Weight	kg	19.0	27.5	43.0	54.5
Neck diameter	mm	127	216	216	216
Outer diameter	mm	500	573	573	676
Height	mm	675	710	1000	1020
Static evaporation loss mass	L/d	0.33	0.79	0.87	0.87
Static holding time (days)	d	142	82	139	202
Numbers of racks	n	7	5	5	7
Box per rack	n	5	5	10	10
Measurement of rack	mm	82x84	142x144	142x144	142x144
Measurement of box	mm	76x76	134x134	134x134	134x134
Box needed for system	n	35	25	50	70
Number of vials	n	875	2025	4050	5670



CRY-Series, Liquid Nitrogen Biological Container for Storage(I)



Sketch of Product Structure

Applications:

- Available in 6 sizes, to fit the requirements and space limitations of research or clinical laboratories.
- Super vacuum insulation, durable construction provide years of trouble-free service.
- Secure locking hasp prevents unauthorized entry.
- Uniform temperature environment for specimen storage.
- Every vessel includes six cans to accommodate ampules.

Features:

- High-strength aluminum alloy structure, light empty weight.
- Hinged handle, portable.
- Encoding canisters, for easy recognition and convenient accessing of samples.
- Protecting jacket, portable and preventing collision.
- Lockable cover (optional), protecting biological samples stored (except 30mm caliber).
- Multi-layer thermal isolation design, more than five-year vacuum quality guarantee.

Model	Unit	CRY-1	CRY-2	CRY-3	CRY-6	CRY-10	CRY-20	CRY-35
Capacity	L	1.0	2.2	3.15	6.0	10.0	20.0	35.5
Empty weight	kg	2.0	2.9	3.4	5.0	6.2	11.2	15.1
Neck diameter	mm	30	30	50	50	50	50	125
Outer diameter	mm	180	217	224	287	303	409	473
Height	mm	320	365	425	445	530	655	690
Static evaporation loss mass	L/d	0.06	0.06	0.10	0.10	0.10	0.10	0.29
Static holding time	d	16	32	31	63	101	202	123
Canister outer diameter	mm	26	19	38	38	38	38	97
Canister height	mm	120	120	120	120	120	120/276	120/276
Numbers of canisters	n	1	3	6	6	6	6	6
Straw holding capacity (single level)	0.5ml	60	90	792	792	792	792	5124
	0.25ml	120	204	1788	1788	1788	1788	11952
Straw holding capacity (double level)	0.5ml	-	-	-	-	-	1284	9048
	0.25ml	-	-	-	-	-	2832	19944
Number of canes	n	-	-	-	-	-	24	198
Number of vials	n	-	-	-	-	-	120	990