

Self-pressurized Liquid Nitrogen Container



- Features:**
- * High bearing capacity casters, easy to move.
 - * Vacuum warranty for 5 years.
 - * Double safety automatic control valve, with double safety protection measures, it is safer to use.
 - * It has continuous pressurization and continuous liquid discharge, making the liquid supply more efficient.
 - * Standard float liquid level meter for YDZ-100/YDZ-200, cannot be optional for YDZ-30/YDZ-50.
 - * Made of high-quality 304 stainless steel, the ultra-low temperature globe valve is easier to operate, durable and beautiful.

Technical Parameters:

Model	Unit	YDZ-30	YDZ-50	YDZ-100	YDZ-200
Capacity	L	30	50	100	200
Caliber	mm	50	50	50	50
Empty Weight	kg	56	62.5	85	136.8
Outer Diameter	mm	404	454	556	656
Height	mm	885	998	1120	1330
Static Evaporation Rate	%	2.5	2	1.3	1.2
Standard Working Pressure	MPa	0.05	0.05	0.05	0.05
Maximum Working Pressure	MPa	0.09	0.09	0.09	0.09
Primary Safety Valve Opening Pressure	MPa	0.099	0.099	0.099	0.099
Second Safety Valve Opening Pressure	MPa	0.15	0.15	0.15	0.15
Pressure Gauge Range	MPa	0-0.25	0-0.25	0-0.25	0-0.25
Standard Accessory	pc	1pc of 1.5m liquid nitrogen output hose			
Package Size	mm	465*465*1035	505*505*1135	615*615*1290	700*700*1450
Gross Weight	kg	68	78.5	85	154.8

Liquid Nitrogen Container Accessories

Picture	Item Name	Specifications
	Lockable Lid	SG50 is suitable for 50 caliber series products SG80 is suitable for 80 caliber series products SG125 is suitable for 125 caliber series products SG216 is suitable for 216 caliber series products
	Protective Sleeve	3L is suitable for YDS3L series products 10L suitable for YDS10L series products 20L is suitable for YDS10L series products 30L/35L is suitable for YDS30L/35L series products 50L is suitable for YDS47/50L series products
	Canister (Round Canister)	304 stainless steel
	Frozen Storage Shelf Canister (Square Canister)	304 stainless steel
	Level Ruler	YWC-60 length 600 mm, 304 stainless steel material, thickness 6 mm YWC-100 length 1000 mm, made of 304 stainless steel, thickness 6 mm YWC-100-1 length 1000 mm, 201 stainless steel material, thickness 2.5 mm
	Trolley	ZYC01 is suitable for products with a tank diameter less than $\phi 525$ mm; suitable for 20L-50L series products; equipped with 5 universal wheels ZYC02 is suitable for tanks with a diameter less than $\phi 685$ mm; suitable for 65L-175L series products; equipped with 5 universal wheels