

LIQUID NITROGEN FILLING TANK



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Liquid nitrogen filling tank is mainly used for liquid nitrogen storage and liquid automatic supply. It uses small amount of liquid nitrogen vaporizing to increase the pressure inside the tank, so that the tank can automatically discharge liquid nitrogen to other container. The stainless steel structure design is suitable for most environment and reduces the rate of evaporation loss. All the models are equipped with pressure building valve, liquid valve, release valve and pressure gauge, four rollers at the bottom to move easily. It is mainly applicable to laboratory and chemical users.

FEATURES

- Optional Level display
- Digital signal remote transmission;
- Optional Regulator for stable pressure;
- Optional Solenoid valve
- Optional Automatic filling system;



TECHNICAL PARAMETERS

MODEL	UNIT	BR-30	BR-50	BR-100	BR-200	BR-300	BR-500
PERFORMANCE							
LN 2 Capacity	L	31	52	103	330	330	550
LN 2 Usable Capacity	L	50	50	100	300	300	500
Daily Evaporation Rate of Static Liquid Nitrogen	%	3	2.2	1.2	0.8	0.8	0.8
Transfusion Volume	L/min	>= 5	>= 5	>= 5	>= 15	>= 15	>= 15
DIMENSION							
Outer Diameter	mm	406	455	556	806	806	1008
Overall Height	mm	850	960	1200	1460	1460	1500
Weight Empty	kg	36	50	68	205	205	265
Standard Working Pressure	Mpa	0.05	0.05	0.05	0.05	0.05	0.05
Maximum Working Pressure	Mpa	0.09	0.09	0.09	0.09	0.09	0.09
Setting Pressure of The First Safety Valve	Mpa	0.099	0.099	0.099	0.099	0.099	0.099
Setting Pressure of The Second Safety Valve	Mpa	0.099	0.15	0.15	0.15	0.15	0.15

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