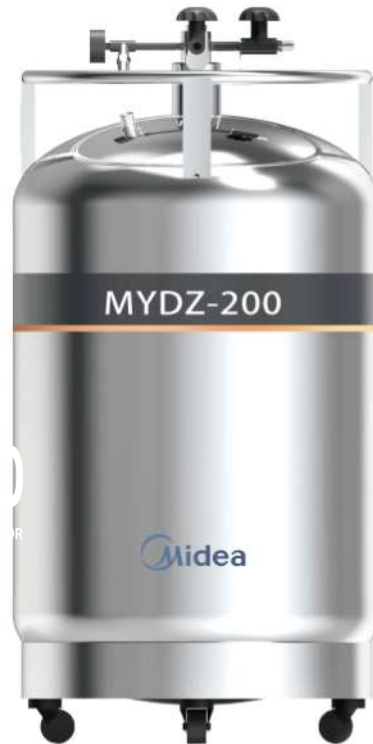


LIQUID NITROGEN CONTAINERS

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**Self-pressurized Liquid Nitrogen Container
MYDZ-50**

DESCRIPTION

The self-pressurized liquid nitrogen container uses a small amount of liquid nitrogen in the tank to generate pressure when vaporizing, so that the container can automatically discharge the liquid nitrogen to supplement the liquid nitrogen for the liquid nitrogen tank. It is mainly used to transport and store liquid nitrogen, and it can also be used as a supply source for other refrigeration devices. The container can be equipped with a monitoring terminal and monitoring software, which can realize the remote transmission of data, such as liquid nitrogen level and pressure; realize the remote alarms for low liquid level and overpressure; and realize the remote control for pressurized and supplementation. At present, it is widely used in mold industry, animal husbandry, medicine, semiconductor, food, low temperature chemical industry, aerospace, military and other industries and fields.

Features

- Made of stainless steel for high strength
- Unique tank support for good stability
- High-strength casters for moving conveniently
- Optional KF sealing neck
- Double safety valve structure to ensure product safety

Specifications

Performance	Volume of LN2 (L)	55
	Static Evaporation Rate* (L/Day)	2
	LN2 Output (L/Min)	≥5 L/Min
Dimension	Outside Diameter (mm)	455
	Height(mm)	960
	Empty weight(kg)	50
	Standard working pressure (Mpa)	0.05
	Maximum working pressure (Mpa)	0.09
	First stage safety valve relief pressure (Mpa)	0.099
	Second stage safety valve release pressure (Mpa)	0.15



Aluminum Alloy Liquid Nitrogen Tank YDS-35-125

DESCRIPTION

The aluminum alloy liquid nitrogen container is mainly composed of an outer shell, an inner liner, a neck tube, a multilayer insulator and a bucket. The container shell and inner liner are made of aluminum alloy, which has the characteristics of light weight, high strength at low temperature, and corrosion resistance. The neck tube is made of glass fiber reinforced plastic, which is of high mechanical strength and low thermal conductivity.

Features

The multi-layer insulator uses aluminum foil as the reflective screen, which is with excellent reflective performance. And it uses the material with low thermal conductivity and low outgassing rate as thermal insulation materials to reduce heat radiation. The interlayer between the container shell and the inner liner is in high vacuum state which can prevent thermal convection of the gas. And the adsorbent with a large adsorption capacity at low temperature is used to ensure long-term stable and reliable performance of the container and long product life.

Specifications

Maximum Storage Capacity	No. of Rack	6
	1.2 & 2.0 ml Cryovials (100 / Box)	-
Performance	1.2 & 2.0 ml Cryovials (25 / Box)	750
	Layer	5
	Volume of LN(L)	35
Dimension	Static Evaporation Rate* (L/Day)	0.36
	Static Holding Time (Day)	97
	Inside Neck Diameter (mm)	125
	Height (mm)	627
	Outer Diameter (mm)	464
	Empty weight kg	14.6



MEDSURGE HEALTHCARE LIMITED
MUSEUM HILL CENTRE, MUSEUM ROAD
P.O. BOX 75534 00200
NAIROBI, KENYA
Tel: 0720 714 337
Email: info@medsurgehealth.co.ke
Web: www.medsurgehealth.co.ke