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-196°C LIQUID NITROGEN TANK



SELF-PRESSURIZED LIQUID NITROGEN STORAGE TANK

SKU: N/A

Self-pressurized liquid nitrogen storage tank

- Widely used in biomedicine, food freezing and refrigeration, cold chain transportation, material cryogenic treatment, low-temperature superconductivity, industrial cryogenic applications and other fields.

Technical features

Self-pressurized liquid nitrogen tank uses a small amount of liquid nitrogen in the tank to generate pressure, so that the container can automatically discharge liquid nitrogen, thereby replenishing liquid nitrogen for other containers.

It is mainly used to transport and store liquid media, and can also be used as a cold source for other refrigeration devices.

It can be equipped with a liquid nitrogen tank monitoring terminal and monitoring software, which can realize remote transmission of liquid nitrogen level, pressure, and other data, realize low liquid level and overpressure remote alarm, and can also manually remotely pressurize and control liquid replenishment.

Self-pressurized liquid nitrogen storage tank is currently widely used in the mold industry, animal husbandry, medicine, semiconductor, food, low temperature chemical industry, aerospace, military, and other industries and fields.

Category: -196°C Liquid Nitrogen Tank



ALUMINUM ALLOY LIQUID NITROGEN STORAGE TANK

SKU: N/A

Aluminum Alloy Liquid Nitrogen Storage Tank

- Widely used in biomedicine, food freezing and refrigeration, cold chain transportation, material cryogenic treatment, low-temperature superconductivity, industrial cryogenic applications and other fields.

Product Overview

It is widely used in biomedicine, food freezing and refrigeration, cold chain transportation, material cryogenic treatment, low-temperature superconductivity, industrial cryogenic applications, and other fields.

Technical features

The container of the Aluminum Alloy Liquid Nitrogen Storage Tank is mainly composed of the shell, liner, neck tube, multi-layer insulation, bucket, etc.

The shell and liner of the container are made of aluminum alloy, which has the characteristics of light weight, high strength at low temperature, corrosion resistance, etc.

The neck tube is made of fiberglass, which has the characteristics of high mechanical strength and low thermal conductivity.

The Aluminum Alloy Liquid Nitrogen Storage Tank's multi-layer insulation body uses aluminum foil with excellent reflective performance as the reflective screen, and uses materials with low thermal conductivity and low degassing rate as insulation materials to reduce heat radiation.

The interlayer between the container shell and the inner liner is in a high vacuum state to prevent thermal convection of the gas, and an adsorbent with a large adsorption capacity at low temperatures is used to ensure the long-term stability and reliability of the container's performance and a long product life.

Category: -196°C Liquid Nitrogen Tank

We are here to help you. Contact us at +1 (216) 533-2353 or ovi@quick3pl.com

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