



Technical resources

Purification system box

<https://www.tencanballmills.com/en/products/glove-box/purification-system-box.html>

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Purification system box

Model:

Gas purification system box connects with sealed containers and equipment to create a closed loop, removing water and oxygen for a high-purity inert gas environment.

These specifications describe the series. Confirm the selected model, power supply and configuration before ordering.



How gas purification systems work

It is connected to various sealed containers, equipment, and production lines to form a closed circulation environment. The purification materials inside the purification column purify inert gases (mainly removing water and oxygen), so that the system always maintains a highly clean and high-purity inert gas environment.

The working gas of the system is inert gas or nitrogen.

The control gas of the system is compressed air or inert gas or nitrogen.

The reducing gas of the system is inert air or a mixture of inert gas and hydrogen.

Application fields of Tianchuang gas purification system

Scientific research, fine chemicals, lithium batteries, nuclear industry, medicine, OLED, lighting, welding, new energy

Structure of gas purification system

The gas purification system has good sealing. Good sealing is the key to ensuring the performance and safety of the equipment. Tianchuang is meticulous here. The main materials of the system are made of corrosion-resistant stainless steel and alloy materials. The surface of the casing is spray-painted and the color is light. The system structure and components are standardized and can be removed and replaced.

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Before operation, review the selected model's instructions and the material requirements.