

ESD Moisture-proof Nitrogen Cabinet

◆ Product Description

ESD Moisture-proof Nitrogen Cabinet is specifically designed to provide an ideal storage environment with low humidity, low oxygen content and anti-static protection for humidity and static-sensitive items such as electronic components, semiconductors and precision instruments. It can effectively prevent the stored items from moisture damage, oxidation and static damage.



- Anti-static Triple Protection System
- Dual-flow Nitrogen Intelligent Control System
- Environmentally Friendly Dehumidification Technology + Power-off Backup Function
- Intelligent and Humanized Management System
- Safety Protection and Stable & Reliable Design

◆ Product Structure

- The ESD Moisture-proof Nitrogen Cabinet is designed with a large capacity of 1430L. It consists of cabinet main body, anti-static protection, sealing, nitrogen control, dehumidification and intelligent control modules. The cabinet is made of 1.2MM cold-rolled steel plate with permanent anti-static baking paint. It is equipped with a dual-flow variable-frequency nitrogen control system and polymer environmentally friendly dehumidification module, built-in with 5 adjustable shelves, and installed with anti-static casters at the bottom. It is suitable for the storage needs of sensitive materials such as electronic components and precision instruments.

◆ Typical Applications

- The ESD Moisture-proof Nitrogen Cabinet is widely used in such fields as the production and storage of electronic components, semiconductor and optoelectronic industries, material management of SMT production lines, laboratory scientific research, and precision instrument storage. It can effectively ensure the stable performance of various sensitive materials, improve product yield, maintain the measurement accuracy of equipment, and meet the professional storage needs of multiple industries.

◆ Typical Product Data and Physical Properties

Cabinet Material: 1.2MM Cold-rolled Steel Plate
Cabinet Door Glass: 5mm Anti-static Tempered Glass
Overall Dimensions: W1200 * D690 * H1830MM
Model: GRD1430ANF-6
Color: Blue-Gray
Effective Volume: 1430L
Humidity Control Range: 1%~60% RH
Humidity Measurement Accuracy: $\leq \pm 2\%$ RH
Surface Resistance: $10E6-10E9\Omega$
Power Supply Parameters: 220V/50Hz

Availability:

Item#	型号	Weight
1.4.06.02.0001	GRD1430ANF-6	120kg

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.

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