

High-temperature series

High temperature ovens series is widely used in the aerospace, automotive, electronics, materials, energy, chemical, medical, pharmaceutical and other industries for high temperature test and heat treatment process. It can do aging, drying, baking, curing, bonding, degassing treatment to a variety of products, parts and materials to meet the suitability test requirements of being stored, being transported, service life and so on, in a high temperature and constant temperature environment.



Explosion-proof high temperature test chamber

Execution and meet the standard:

Uses:

Suitable for testing and heat treatment of batteries, resin, paint and other inflammable and explosive materials

Features:

- Equipped with special explosion-proof pressure relief device
- Safe and reliable door lock to prevent the automatic opening



Technical parameters:

Temperature range: RT + 20 ~ + 200 °C;

Internal dimensions: 225L ~ 2,640L

High temperature test chamber

Execution and meet the standards: GB/T2423.2 / IEC60068-2-2

Uses: Suitable for heat treatment and drying treatment of production line

Features:

- Complete series, classic style, using both set-point control method and program control method.
- Set-point control mode can be set to automatically start and end, program control mode can implement program settings containing 10 patterns, each pattern can have 20 steps. Meet with the need of the temperature characteristic tests which include slope setting of temperature rise and drop.
- High reliability for harsh environment
- High-quality and high-reliability materials are applied for handles, hinges, touch screen controller, Sealing strip etc. to make it durable.



Technical parameters:

Model	WG							
	201B	202B	203B	205B	401B	402B	403B	405B
Temperature Range	R.T + 10 ~ 200 °C				R.T + 10 ~ 400 °C			
Temperature fluctuation	± 0.5 °C							
Temperature deviation	≤2 °C				≤2 °C (when below 200 °C) ≤7 °C (when at 400 °C)			
Thermal insulation materials	Ultra-fine glass fiber				Aluminium silicate			
Door seal	Silicon rubber bar				High temperature double layer dust-free asbestos strip			
Internal space dimension	Type 1 450 × 450 × 450		Type 2 550 × 550 × 550		Type 3 650 × 650 × 700		Type 4 700 × 800 × 900	
Internal volume	91L		160L		270L		500L	
Power supply	220V 50Hz				380V 50Hz			
Remark	Inside and outside dimensions labeled: Depth D × Width w × Height H							

Anaerobic high temperature test chamber



Execution and meet the standard:

Purpose: Implement experimental hypoxic environment by inert gas

Features: Adjustable when oxygen concentration is 0.5% or above

All-around seamless Ar - arc - welding liner

Automated easy operation, one key to start, avoid the manual errors

Technical parameters:

Temperature range: RT + 20 ~ + 300 °C;

Inner dimensions: 226L; oxygen concentration: 0.5 to 21%

Drying chamber



Execution and meet the standards: JB / T5520-1991 drying chamber
technical conditions

Uses: This environmental test chamber is designed for drying, baking and heat treatment tests for non-flammable, non-explosive materials performed by Electronics, electrical, instrument, material, semiconductor manufacturing enterprises; it is particularly suitable for products such as LED, LCD, quartz crystal, capacitors, resistors and other products which demands constant temperature precision and high reliability drying and aging during the process of production

Features:

- Strong wind circulation
- Man-machine dialogue, easy to set up, simultaneous display the set temperature and the measured temperature;
- Over-temperature protection, improved reliability and safety;
- Convenient linear compensation function, avoid the deviation between display temperature and actual temperature values;
- Unique assembly design, more reasonable case structure;

Technical parameters:

Model

CS101

1EBN

2EBN

3EBN

Temperature Range

R.T + 10 ~ 300 °C

Temperature fluctuation

± 0.5 °C

Maximum temperature arrival time

70min

Temperature deviation

± 2.5% °C

Insulation materials

Ultra-fine glass fiber

Door seal

Eco-friendly silicone rubber

Internal space dimension

400 × 450 × 400

500 × 550 × 500

600 × 650 × 600

Internal volume

72L

138 L

234 L

Remark

Inside and outside dimensions labeled: Depth D × Width w × Height H

Clean high temperature test chamber



Execution and meet the standards: ISO16750, JESD22, GB / T2423.1 (IEC60068-2-1), GB / T2423.2 (IEC60068-2-2), GB / T 14710, GB / T 13543

Uses: Clean-room dedicated high temperature ovens equipment.

Features:

* Cleanliness class 100 clean heat treatment

HEPA filter with front wind horizontal parallel flow cycle to successfully ensure the uniformity of the temperature distribution within the box and class 100 cleanliness. Minimal control of wind speed and distance.

Programmable control

Each pattern contains 20 steps, up to 10 patterns available. The temperature rising and falling edge setting program repetitions at 1-999 times between settings.

Easy-to-operate standard meter installed.

Standard configuration setting operation mode and automatically starts · automatic stop operation can be set to run.

Standard configuration of overheat prevention device

Technical parameters:

Model

DGP

2568BN

2576BN

2587BN

25110BN

Temperature Range

R.T + 20 ~ 250 °C

Temperature fluctuation

≤ ± 0.5 °C

Temperature rising time

Ambient temperature ~ + 150 °C in about 10 minutes (non-linear load) Ambient temperature ~ + 250 °C in about 30 minutes

Internal space dimension

600 × 950 × 1200

650 × 900 × 1300

650 × 900 × 1500

800 × 950 × 1500

Internal volume

680L

760 L

880 L

1140 L

Remark

Inside and outside dimensions labeled: Depth D × Width w × Height H

ZK series vacuum drying oven



Execution and meet the standard:

Uses: This product provides the appropriate temperature and low pressure environment for vacuum state thermal experiments in electrical, electronics, aviation and other related fields, and other purposes.

Features:

- Rectangular working chamber provides maximum effective volume;
- Bulletproof high temperature glass observation window
- * Optional recorder and printer;

Technical parameters:

Temperature range R.T + 10 ~ 200 °C

Vacuum degree <133Pa

Internal volume: 90-300L

Temperature sintering chamber



Execution and meet the standard:

Uses: This type of container can be used by factories and/or research units for sintering compression molding products like plasticity tetrafluoroethylene, ethylene, etc, and high-temperature thermal aging test for plasticity molecular materials (rubber, plastic, etc.), electrical insulation materials and various of low-melting point materials, it is ideal to production units for baking high-temperature new plastic, dry heat treatment and other heating thermostats.

Features:

Technical parameters:

Inner dimetions : 1000 × 1000 × 1000mm (Depth D × Width W × Height H)

Internal volume: 1000L

Turntable size : ϕ 800mm

Temperature range: RT + 10-450 °C

