

## C2-001

**Usage: In battery manufacturing engineering, vacuum drying is used to remove moisture and solvents from electrode materials.**

- Rapid heating and cooling improve production efficiency.
- Automatic/manual dual operation modes. In automatic mode, exhaust, heating, processing, cooling, and ventilation are fully-automatic, achieving one-button operation.
- Dual heating methods using the wall and shelves significantly shorten heating time and improve temperature distribution accuracy.
- Cooling methods “air cooling + fan cooling” or “air cooling + water cooling” can be selected, significantly shortening cooling time.
- In terms of safety, equipped with automatic overheat prevention, overheat preventer, abnormal nitrogen pressure, abnormal nitrogen flow, cylinder action abnormality, instantaneous power outage protection, overcurrent leakage protection breaker, and other safety devices.

### Specifications

Product name	Vacuum Drying Ovens C2-001
System	Decompression · wall and shelf heating
Operating temperature range	Room temp. +30 ~ 250°C
Operating vacuum range	101 ~ 0.1KPa
Temperature rise time	Approx. 75 min (RT ~ 185°C)
Temperature fall time	Approx. 90 min (185 ~ 50°C)
Temp. adjusting accuracy	±1°C (at 185°C)
Temp. distribution accuracy	±10°C (at 185°C)
Internal dimensions	W600×D600×H600mm (single chamber)
Power supply	3-phase AC380V



## C2-002

**Usage: In battery manufacturing engineering, vacuum drying is used to remove moisture and solvents from electrode materials.**

- Rapid heating and cooling improve production efficiency.
- Automatic/manual dual operation modes. In automatic mode, air supply, exhaust, heating, processing (repeated air pumping and ventilation during the process), cooling, and ventilation are fully-automatic, multiple production programs can be written, achieving one-button operation.
- Use far infrared heating lamps and finned condenser (cooling water) for cooling, with a forced convection structure, heating and cooling time is extremely short.
- Equipped with door detection switch, automatic door lock, door leakage detection oxygen concentration meter, internal chamber oxygen concentration meter, Pirani vacuum gauge, etc.
- In terms of safety, equipped with automatic overheat prevention, overheat preventer, abnormal nitrogen pressure, abnormal oxygen concentration, abnormal cooling water, instantaneous power outage protection, overcurrent leakage protection breaker, and other safety devices.

### Specifications

Product name	Vacuum Drying Ovens C2-002
System	Decompression · far infrared lamp heating
Operating temperature range	Room temp. +10 ~ 200°C
Operating vacuum range	101KPa ~ 1Pa
Temperature rise time	Approx. 90 min (RT ~ 185°C)
Temperature fall time	Approx. 90 min (185 ~ 50°C)
Temp. adjusting accuracy	±1°C (at 185°C)
Temp. distribution accuracy	±5°C (at 185°C)
Internal dimensions	W700×D1250×H700mm (single chamber)
Power supply	3-phase AC380V



Forced convection

Natural convection

Fine

Options

For labware

Explosion-proof

Far infrared heating

Anaerobic

Clean

Vacuum

Semiconductor & electronics

Battery

Flat panel display

Others