

Vacuum Drying Oven (Compact)

Standard Small Size Benchtop Vacuum Drying Oven

ADP200/300

Operating temp. range 40°C to 240°C

Operating pressure range 101~0.1kPa

Internal capacity 10L ADP200 27L ADP300

Auto overheat prevention

Overheat protector

Self-diagnosis

Overcurrent ELB

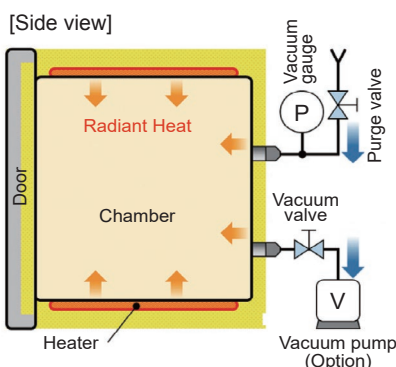
- The controller is equipped with auto start and quick auto stop.
- A silicone rubber packing is used for the door to maintain a high level of airtightness.
- The controller is equipped with safety functions such as self-diagnosis and overheat prevention.
- The temperature sensor and control circuit are designed to be independent of each other, and the automatic overheat prevention function operates in conjunction with the set temperature.



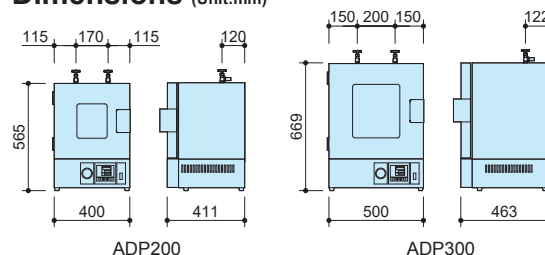
27L
ADP300

10L
ADP200
(Right-opening door is a special order)

Method



Dimensions (Unit:mm)



Specifications

Product code	212168	212169
Model	ADP200	ADP300
System	Vacuum drying by decompressed chamber direct heating	
Operating temperature range*1	40~240°C	
Operating pressure range*1	101~0.1kPa (760~1 Torr)*2	
Temp. control accuracy*1	±1.5°C (at 240°C) JTM K05	
Max. temp. reaching time*1	Approx. 70min.	Approx. 100min.
Interior material	Stainless steel	
Temp. control method	PID control by microprocessor	
Sensor	K-thermocouple	
Temp. setting / Display method	Digital setting / Digital display method (Resolution: 1°C)	
Overheat prevention device /Setting method	Digital setting / ON/OFF control	
Timer	1 min. to 99 hrs. 59 min. to 999.5 hrs., Digital display, Auto start, Quick auto stop	
Heater	Mica heater 680W	Mica heater 1.05kW
Heat insulating material	Rock wool	
Observation window	Tempered glass (12 mm thickness) and polycarbonate resin plate	
Vacuum gauge	Bourdon tube type, scale range: 0 to 0.1MPa	
Safety device	Self-diagnostic functions (heater disconnection, sensor disconnection, SSR short-circuit, automatic overheat prevention), Overcurrent leakage breaker, Overheating prevention device	
Internal dimensions	W200×D250×H200mm	W300×D300×H300mm
External dimensions*3	W400×D411×H565mm	W500×D463×H669mm
Internal capacity	10L	27L
Shelf loading	Approx. 15kg / pcs	
Shelf rest step number / pitch	2 steps / 63mm	3 steps / 71mm
Vacuum port	O.D.18mm	
Power source	AC220V 4A Single phase with step down transformer	AC220V 6A Single phase with step down transformer
Weight	Approx. 30kg	Approx. 55kg
Accessories	Shelf plate (Aluminum punting metal) 2 pcs. Load capacity: 15kg / pcs	Shelf plate (Aluminum punting metal) 3 pcs. Load capacity: 15kg / pcs

The length of the power cord is about 2m outside the unit.

*1 Conditions : Temperature and humidity 23°C±5°C, 65%RH±20% (no load) *2 The achievable pressure depends on the vacuum pump *3 Do not include protrusions