



# Vacuum Drying Oven

Standard Small Size Benchtop Vacuum Drying Oven

For Information and to Order  
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## Yamato Vacuum Oven Models: ADP200C/210C/300C/310C

Operating temp. range	40~240°C	Operating pressure range	101~0.1kPa	Internal capacity	.35 CuFt. ADP200C/210C .95 CuFt. ADP300C/310C
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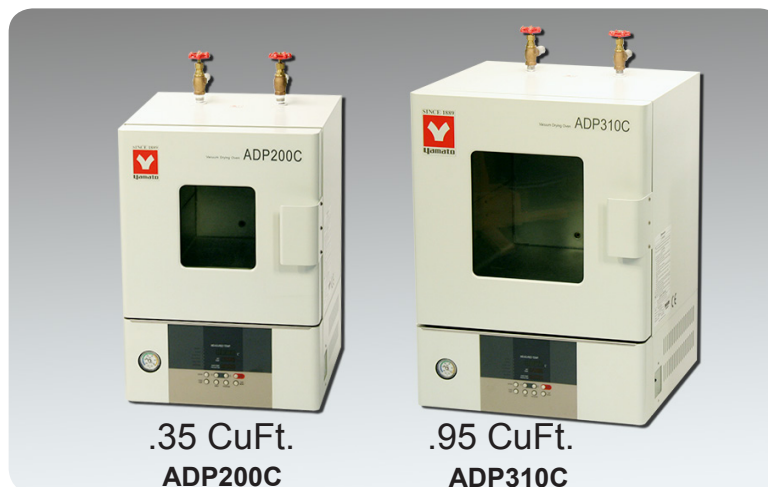
### Standard vacuum drying oven with enhanced safety features

#### Operation and functions

- Easy input of parameters and settings
- Digital PID controller supports fixed temperature, quick auto-stop, auto stop, auto start and program operations
- Self-diagnostic and overheating prevention functions
- Silicon rubber door seal prevents air from leaking
- Independent over heating prevention device for each circuit
- Customizable with N<sub>2</sub> gas inlet and communication ports
- Calibration off-set function
- Easy maintenance

#### Safety features

- Sensor trouble detection, SSR, short circuit detection, heater disconnecting detection, memory error, over heating and measurement temperature error



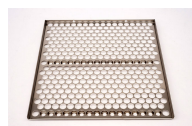
#### Vacuum Oven Specs:

[Inquire for Discounted Prices](#)

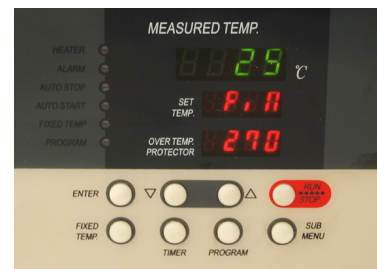
Model	Vacuum Oven Model ADP200C/210C	Vacuum Oven Model ADP300C/310C
System	Vacuum drying by decompressed chamber direct heating	
Operating temperature range	40~240°C	
Operating pressure range	101~0.1kPa (760~1 Torr)	
Temp. control accuracy	±1.5°C (at 240°C)	
Max. temp. reaching time	~70min.	~100min.
Interior Material	Stainless steel	
Temp. control method	PID control by microprocessor	
Sensor	K-thermocouple	
Temp. setting method	Digital setting by ▲/▼ keys	
Temp. display method	Measurement temp.: Digital display by green LED Setting temp.: Digital display by red LED	
Timer	1 min. to 99 Hrs. 59 min. and 100 Hrs. to 999 Hrs. and 50 min., Digital display	
Heater	Mica heater 0.68kW	1.05kW
Heat insulating material	Rock wool	
Observation window	Tempered glass (12 mm thickness) and polycarbonate resin plate	
Vacuum gauge	Bourdon tube type, 0~0.1 MPa (Gauge pressure)	
Safety device	Self diagnostic functions (Heater, Sensor, SSR short circuit, automatic overheat prevention function), over current electric leakage breaker, overheating prevention device	
Internal dimensions	7.8" W x 9.8" D x 7.8" H	11.8" W x 11.8" D x 11.8" H
External dimensions	15.7" W x 16.2" D x 23.7" H	19.6" W x 18.3" D x 27.7" H
Internal capacity	.35 Cubic Ft.	.95 Cubic Ft.
Shelf loading	~33 Lbs/ pcs	
Shelf rest step number	2 steps	3 steps
Shelf rest pitch	2.5"	2.9"
Vacuum port	O.D. - .7"	
Power source	AC115V 6A with plug AC220V 3.5A no plug, round terminal	AC115V 9.5A with plug AC220V 5A no plug, round terminal
Weight	66 Lbs.	121 Lbs
Accessories	Shelf plate (Aluminum perforated metal) 2 pcs.	Shelf plate (Aluminum perforated metal) 3 pcs.

#### Options We Can Provide

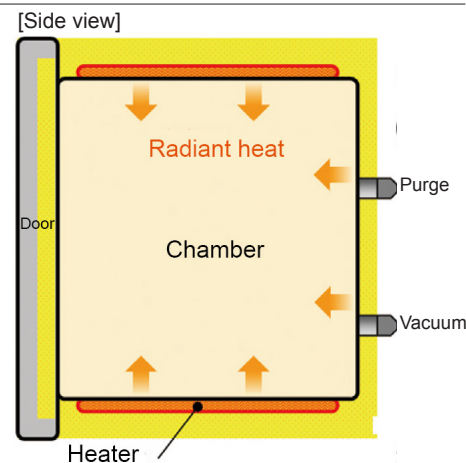
Additional Shelves - Racks
Feed Thru Ports
Custom Stands



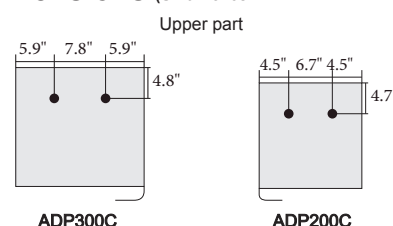
### Control Panel



### Method



### Dimensions (Unit: inches)



Yamato Vacuum Oven Models ADP200C/ADP210C/ADP300C/ADP310C