

Vacuum Drying Oven DP810/1030



Model	
DP810	DP1030
Operating Temperature Range	
+40deg.C to 200deg.C	
Operating Pressure Range	
100 to 0.1kPa	

- Decompression drying the large size samples are available.
- Space saving type with vacuum pump can set inside.
- Control panel with interactive key input, temp. displayed by LED.
- Various function with high accuracy.

■ Specifications

Model	DP810	DP1030
Performance		
System	Vacuum drying by decompressed chamber direct heating	
Operating temperature range	40 to 200 deg.C	
Operating pressure range	100 to 0.1 kPa (760 to 1 Torr)	
Temp. adjustment accuracy	±1.deg.C (at 200 deg.C)	
Components		
Interior Material	Stainless steel	
Exterior Material	Cold rolled steel plate with baked-on melamine resin finish	
Door	Single swing door	
Heat insulating material	Rock wool	
Heating method	Decompressed chamber direct heating	
Heater	Mica heater, 6.5kW	Mica heater, 14.4kW
Operation function	Fixed temp., Auto-start, Auto-stop, Quick auto stop, Program (Max.99 steps, 99 patterns, repeat)	
Heater circuit control	Triac zero-cross control	
Temp. sensor	K-thermocouple	
Exhaust port	NW40	
Inlet/Purge port	RC 1/4	RC 3/8
Controller		
Temp. control method	PID control by microprocessor	
Temp. setting method	Digital setting with UP/DOWN key	
Temp display method	Digital display	
Other display	Temperature indicating the operation state displayed by LED	
Additional functions	Calendar timer (max. 24 Hrs.), Integration time (max. 65535Hrs.), Clock, Calibration off-set, Display the amount of Power consumption/CO2 discharge/Heater operation amount, Power failure recovery mode, User setting information save and recall	
Safe Device		
Safety countermeasures	Self diagnosis functions(Sensor, Heater, Triac, automatic overheating prevention), Independent overheating prevention, Key lock function, Electric leakage breaker	
Standard		
Internal dimensions (W×D×Hmm)	800 x 800 x 800mm	1000 x 1000 x 1000mm
External dimensions (W×D×Hmm)	1020 x 1019 x 1850mm	1300 x 1280 x 2110mm
Weight	Approx. 600kg	Approx. 1000 kg
Power source 50/60Hz	Single phase AC200V 33A	Triple phase AC200V 50A
Accessories		
Shelf plate	Punched stainless steel, 2 pcs	Punched stainless steel, 4 pcs