

건조기 / 클린건조기 / 진공건조기

DRYING / CLEAN / VACUUM OVEN

How It Works

The heating device located behind the front cabinet wall heats up the air and this hot air moves to each end of the chamber corner as airflow goes. Stainless steel-structured inner components help to maintain the temperature distribution inside. Also, due to the physical and chemical features of drying objects, Vacuum Oven and Clean Oven can be chosen.

The Purpose of Use

Drying oven is designed for removing unnecessary moisture from samples as fast as possible with a minimum temperature change range in a given time. It can be applied to heating, drying, tempering, testing, aging, sterilizing, and more processes.

The Field of Use

Research, Industry, Electronic, Medicine and etc.

Vacuum Oven SET (Option)



SJ-VAC (set)

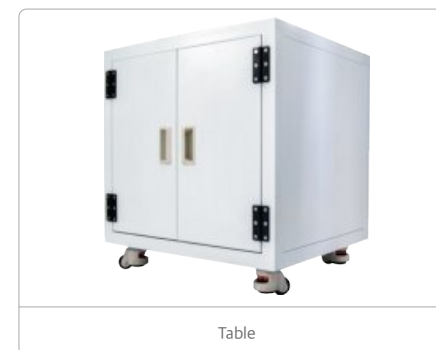
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Vacuum Pump



Cold Trap



Table

Vacuum Pump

- Direct-vane, Oil Rotary Type Vacuum Pump
- Compact and Light. Easy to operate and carry
- Reliable Vacuum Degree
- Less Noise Structure and Low Maintenance

Spec / Model	SJ-W2V10	SJ-W2V20
PUMPING SPEED	100ℓ/m	200ℓ/m
ULTIMATE PRES. GB CLOSED	5×10 ⁻⁴ (6.7×10 ⁻²)	
ULTIMATE PRES. GB OPENED	5×10 ⁻² (6.7)	
FULL LOAD POWER	0.4KW	
MOTOR SPEED	1700R.P.M	
DIMENSION INTERNAL (W×D×H)mm	150×398×251	150×426×251
DIMENSION EXTERNAL (W×D×H)inch	5.9×15.7×9.9	5.9×16.8×9.9
OIL CAPACITY	500cc	600cc
WEIGHT	19kg	21kg
AMBIENT OPERATION TEMP.RANGE	7°C ~ 40°C	
INTAKE TYPE/DAIMETER	NW25Ø26(OD)	
POWER	220V, 1Ø & 220V/380V, 3Ø	

Vacuum Oven SET (Option)



COLD TRAP (Glass Type)



Cold Trap

Why Cold Trap Is Necessary?

Cold Trap prevents unnecessary substance transfer or exchange between the chamber and vacuum pump. Also, it helps the vacuum pump last longer.

Spec / Model	SJ-CRT1	SJ-CTR2
MAX TEMP	Max -35 ~ -40°C (Less than RT. 25°C)	Max -65 ~ -70°C (Less than RT. 25°C)
HEATER CONTROL WAY	Both Side Jacket	
DIMENSION INTERNAL(mm)	Ø200x150x3T	Ø200x150x3T
DIMENSION EXTERNAL(mm)	323x442x497	403x592x627
MATERIAL INTERNAL	Stainless Steel With Polishing Finished	
MATERIAL EXTERNAL	Steel Plate SS #41 With Powder Heating Coated	
MOVING CASTER	Fixed Caster	
MATERIAL PACKING	Silicon Rubber Packing	
POWER	220V, 1Ø	
REFRIGERATION	¼HP	½HP
SAFETY	Electric Leakage Breaker, Over Temp. Protection Device	
INSULATED COMPONENT	AEROFLEX	