

Technical Data

Model	SPD-02N	SPD-05N	SPD-10N	SPD-20N	SPD-20S
Material	High Borosilicate Glass 3.3				
Heating Temperature	RT~300°C				
Pressure [No Load]	≤1Pa				
Electrical Requirements	220V;50/60HZ;1P				
Distillation Flask					
Total Volume(L)	2	5	10	20	20
Optimum Volume [L]	0.3~0.6	0.9~1.5	3.5~4.5	7~9	7~9
Main Body Flow Rate [g/h]	200~300	400~800	800~1600	2000~4000	3000~6000
Receiving Flask					
Total Volume QTY	500ml 2	1000ml 2	2000ml 2	2000ml 4	2000ml 4
	500ml 1	500ml 1	500ml 1	500ml 1	2000ml 1
Cold Trap					
Type	Glass Dry Ice Cold Trap				Stainelss Steel Cold Trap
Volume	1L	1L	1L	2×1L	—
Heating Mantle					
Heating Power [w]	650	1100	2100	3000	3000
Rotation Speed [rpm]	50~1800	50~1800	50~1800	0~2000	0~2000
Motor Power [w]	40/DC 14V	40/DC 14V	40/DC 14V	100/DC 40V	100/DC 40V
Dimension [mm]	400×190×280	460×270×340	440×440×340	515×515×340	515×515×340
Opening Diameter [mm]	170	235	300	375	375
Opening Depth [mm]	105	140	185	215	215
Vacuum Pump (EV Series)					
Model QTY	EV-5 1	EV-5 1	EV-10 1	EV-10 2	EV-20 1
Puming Speed [CFM]	2	2	4	4	8
Ultimate Pressure [Pa]	6×10 ⁻²	6×10 ⁻²	6×10 ⁻²	6×10 ⁻²	6×10 ⁻²
Temperature Controller (DC Series)					
Model	DC-05-06L	DC-05-06L	DC-05-15L	DC-05-15L	DC-05-15L
Temperature Range (°C)	-5~85°C	-5~85°C	-5~85°C	-5~85°C	-5~85°C

*1. Due to different material properties, the throughput will fluctuate, please subject to test results;

*2. Diffusion pump can only be used as a second stage vacuum pump with a first-stage pump.