

SPH Series Scroll Pump

SPH series scroll pump is the second generation, which designed with excellent pumping capability, better pressure and low noise. It can pump condensable vapor (which contains water, dilute acid and alkali), since it adopts optimized sealing technology, which can prolong the service life of sealing strip.

Feature

1. Dual Band&Pressure
2. Optimize vortex disc design
3. High flow gas ballast characteristics
4. Optimize end face sealing technology
5. Frequency conversion temperature-controlled fan
6. Permanent magnet variable frequency motor
7. Guaranteed 8000 hours of continuous working



Application

1. Pharmaceutical R&D
2. Vacuum glove box
3. Electron beam welding and packaging
4. Semiconductor
5. Accelerator
6. Laser
7. The leak detection system
8. Molecular pump pre-stage
9. Analytical instrument
10. Vacuum recovery unit



Specification

Model	SPH10	SPH15	SPH20
Pumping speed(m ³ /h)	10m ³ /h(6.7cfm)	15m ³ /h(8.9cfm)	20m ³ /h(13cfm)
Ultimate pressure	2 pa/0.02 mbar		1 pa/0.01 mbar
Rotary speed(rpm)	1800 rpm		
Connector	KF25		
Power supply(w)	550W		750W
Rated power(v)	100-240V/50-60 HZ		
Dimensions(mm)	442*278*308 mm		
Weight (kg)	25.2kg(56 lb)	25.6 kg(56 lb)	25.8kg(57 lb)
Vapour pumping ability(g/h)	140		200
Noise level(dbA)	55 dbA		
Cooling method	Air-cooling		
Working temperature	5-45°C		

Optional Accessories



Inlet filter



Exhaust silencer