


Magnetically Levitated Compound Molecular Pumps

TG1300M

- Any orientation ■ Compact size ■ Energy-saving
- Quick starts and stops ■ Maintenance call ■ Vibration free ※Featuring UFRC
- Model coupling free ■ Automatic calibration
- High throughput ■ Rotational speed control
- Serial communication ※RC232C Serial interface (You can choose RS485.)
- Safety standards certification for NRTL SEMI-S2 CE

Specifications

Flange	Inlet		VG200	ISO-B200	CF200	
	Outlet		KF40			
Volume flow rate	N ₂	L/s	1300			
	N ₂ (with protective screen)		L/s			1230
	H ₂	L/s	1200			
Max. compression ratio	N ₂		1 × 10 ⁸			
	H ₂		1.5 × 10 ⁴			
Base pressure	VG · ISO-B / CF		Pa			
			(Torr)			
			< 1 × 10 ⁻⁶ / < 1 × 10 ⁻⁷			
			(< 7.5 × 10 ⁻⁹ / < 7.5 × 10 ⁻¹⁰)			
Max. throughput ^{※1}	N ₂	sccm	3000			
Startup time			min			
			4-5			
Shutdown time			min			
			4-5			
Max. backing pressure			Pa(Torr)			
			500(3.8)			
Recommended backing vacuum pump			L/min			
			≥250			
Weight	VG·ISO-B / CF·Corrosive resistant type		kg		34 / 42	
Turbo Controller			TC010MA			