



Compound Molecular Pumps

TG1003

- Corrosive resistant type for corrosive gases.
- Durable structure for air inrush.
- Sturdy, resists external impacts.
- Serial communication ※RS232C Serial interface
- Conforms to recognized safety standard NRTL / SEMI-S2 / CE

Specifications

Volume flow rate	N ₂	L/s	1000
	N ₂ (with protective screen)	L/s	940
	H ₂	L/s	1000
Max. compression ratio	N ₂		1 × 10 ⁸
	H ₂		4 × 10 ³
Base pressure	CF / VG · ISO-B	Pa	< 1 × 10 ⁻⁷ / < 1 × 10 ⁻⁶
		(Torr)	(< 7.5 × 10 ⁻¹⁰ / < 7.5 × 10 ⁻⁹)
Max. throughput ^{※1}	N ₂	sccm	2715
Startup time		min	9-12
Shutdown time		min	9-13
Max. backing pressure		Pa (Torr)	300 (2.3)
Recommended backing vacuum pump		L/min	500
Amount of lubrication oil required		mL	260
Weight		kg	50
Power Supply			TC1003