



Compound Molecular Pumps

TG220F

- Any orientation
- Energy-saving
- Quick shut down with gas vent
- Durable structure for air inrush ※Air inrush test (continual 400 times)
- Serial communication ※RS232C Serial interface
- Certified safety standard NRTL / SEMI-S2 / CE
- Compact size
- Quick start up

Specifications

Flange	Inlet		VG100	ISO-R100	CF100
	Outlet		KF25		
Volume flow rate	N ₂	L/s	220		
	N ₂ (with protective screen)	L/s	210		
	H ₂	L/s	100		
Max. compression ratio	N ₂		1 × 10 ⁸		
	H ₂		4 × 10 ²		
Base pressure	Pa(Torr)		< 1 × 10 ⁻⁶ (< 7.5 × 10 ⁻⁹)		
Max. throughput*1	N ₂	sccm	400		
Startup time	min		1-1.2		
Shutdown time	min		2.5-3.5		
Max. backing pressure	Pa(Torr)		260 (2)		
Recommended backing vacuum pump	L/min		≥ 80		
Weight	kg		5.5	8	
Power Supply			TC223		