



Compound Molecular Pumps

TG450F

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

Specifications

Flange	Inlet		VG150	ISO-B160	CF160
	Outlet		KF25		
Volume flow rate	N ₂	L/s	450		
	N ₂ (with protective screen)	L/s	430		
	H ₂	L/s	240		
Max. compression ratio	N ₂		1 × 10 ⁸		
	H ₂		2 × 10 ³		
Base pressure	Pa(Torr)		< 1 × 10 ⁻⁶ (< 7.5 × 10 ⁻⁹)		
Max. throughput ^{※1}	N ₂	sccm	500		
Startup time	min		2-2.5		
Shutdown time	min		5-6.5		
Max. backing pressure	Pa(Torr)		260 (2)		
Recommended backing vacuum pump	L/min		≥ 80		
Weight	kg		7	10	
Power Supply			TC353		