



Compound Molecular Pumps

TG553

- 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	550
	N ₂ (with protective screen)	L/s	430
	H ₂	L/s	370
Max. compression ratio	N ₂		1×10^8
	H ₂		3×10^3
Base pressure	CF / VG · ISO-B	Pa	$< 1 \times 10^{-7} / < 1 \times 10^{-6}$
		(Torr)	($< 7.5 \times 10^{-10} / < 7.5 \times 10^{-9}$)
Max. throughput ^{※1}	N ₂	sccm	1500
Startup time		min	8-13
Shutdown time		min	8-11
Max. backing pressure		Pa (Torr)	300 (2.3)
Recommended backing vacuum pump		L/min	250
Amount of lubrication oil required		mL	260
Weight		kg	41
Power Supply			TC553