



## Compound Molecular Pumps

# TG5000/5003 TG5500/5503

- Standard types and corrosive resistant types are available.
- The world's largest volume flow rate compound molecular pump.
- Durable structure for air inrush.
- Sturdy, resists external impacts.

## Specifications

		TG5000	TG5500
Volume flow rate	N <sub>2</sub> L/s	5000	5500
	N <sub>2</sub> (with protective screen) L/s	4700	5200
	H <sub>2</sub> L/s	4000	4400
Max. compression ratio	N <sub>2</sub>	1 × 10 <sup>8</sup>	
	H <sub>2</sub>	5 × 10 <sup>3</sup>	
Base pressure	VG Pa	< 1 × 10 <sup>-6</sup>	
	(Torr)	(< 7.5 × 10 <sup>-9</sup> )	
Max. throughput <sup>※1</sup>	N <sub>2</sub> sccm	1200	
Startup time	min	25-35	
Shutdown time	min	30-40	
Max. backing pressure	Pa (Torr)	200 (1.5)	
Recommended backing vacuum pump	L/min	1500	
Amount of lubrication oil required	mL	1000	
Weight	kg	250	
Power Supply		TC5500	