


**Magnetically Levitated Compound Molecular Pumps**

# TG900M

- Any orientation      ■ Compact size      ■ Energy-saving
- Quick starts and stops   ■ Maintenance call   ■ Vibration free ※Featuring UFRC
- Model coupling free      ■ Automatic calibration
- High throughput          ■ Rotational speed control
- Serial communication ※RC232C Serial interface (You can choose RS485.)
- Safety standards certification for NRTL SEMI-S2 CE

## Specifications

Flange	Inlet		VG150	ISO-B160	CF160
	Outlet		KF40		
Volume flow rate	N <sub>2</sub>	L/s	900		
	N <sub>2</sub> (with protective screen)	L/s	860		
	H <sub>2</sub>	L/s	1050		
Max. compression ratio	N <sub>2</sub>		1 × 10 <sup>8</sup>		
	H <sub>2</sub>		1.5 × 10 <sup>4</sup>		
Base pressure	VG · ISO-B / CF	Pa	< 1 × 10 <sup>-6</sup> / < 1 × 10 <sup>-7</sup>		
		(Torr)	(< 7.5 × 10 <sup>-9</sup> / < 7.5 × 10 <sup>-10</sup> )		
Max. throughput <sup>※1</sup>	N <sub>2</sub>	sccm	3000		
Startup time		min	4-5		
Shutdown time		min	4-5		
Max. backing pressure		Pa(Torr)	500(3.8)		
Recommended backing vacuum pump		L/min	≥ 250		
Weight	VG·ISO-B / CF·Corrosive resistant type	kg	34 / 42		
Turbo Controller			TC010MA		