



Compound Molecular Pumps

TG3413

- Corrosive resistant types are available.
- 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 | 3400 |
| | N ₂ (with protective screen) | L/s | 3200 |
| | H ₂ | L/s | 2600 |
| Max. compression ratio | N ₂ | | 1×10^8 |
| | H ₂ | | 6×10^3 |
| Base pressure | VG · ISO-B | Pa | $< 1 \times 10^{-6}$ |
| | | (Torr) | ($< 7.5 \times 10^{-9}$) |
| Max. throughput ^{※1} | N ₂ | sccm | 543 |
| Startup time | | min | 10-15 |
| Shutdown time | | min | 25-30 |
| Max. backing pressure | | Pa (Torr) | 270 (2) |
| Recommended backing vacuum pump | | L/min | 1500 |
| Amount of lubrication oil required | | mL | 260 |
| Weight | | kg | 100 |
| Power Supply | | | TC3213 |