



## Magnetically Levitated Compound Molecular Pumps

# TG390M

- 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                                   |     | VG100                 | ISO-B100 | CF100 |
|---------------------------------|---|-----|-----------------------|----------|-------|
|                                 | Outlet                                  |     | KF25                  |          |       |
| Volume flow rate                | N <sub>2</sub>                          | L/s | 340                   |          |       |
|                                 | N <sub>2</sub> (with protective screen) | L/s | 320                   |          |       |
|                                 | H <sub>2</sub>                          | L/s | 290                   |          |       |
| Max. compression ratio          | N <sub>2</sub>                          |     | 1 × 10 <sup>8</sup>   |          |       |
|                                 | H <sub>2</sub>                          |     | 4.5 × 10 <sup>3</sup> |          |       |
| Base pressure                   | VG · ISO-B / CF                         |     | Pa                    |          |       |
|                                 |   |     | (Torr)                |          |       |
| Max. throughput <sup>※1</sup>   | N <sub>2</sub>                          |     | sccm                  |          |       |
|                                 |   |     | 2000                  |          |       |
| Startup time                    |   |     | min                   |          |       |
| Shutdown time                   |   |     | min                   |          |       |
| Max. backing pressure           |   |     | Pa(Torr)              |          |       |
| Recommended backing vacuum pump |   |     | L/min                 |          |       |
| Weight                          | VG-ISO-B / CF-Corrosive resistant type  |     | kg                    |          |       |
| Turbo Controller                |   |     | TC010MA               |          |       |