

FLEXI HP 1000



HIGH ACCURACY AND ULTRA HIGH PRESSURE CONTROL SYSTEM

- Provided by the combination of an ultra high pressure syringe pump with a large range pressure transducer
- Controls pressure of two systems simultaneously

PLUG&PLAY, EASY AND SAFE

- Convenient and reusable metallic tubing connection
- Easy operation, with touchscreen control for valves operation and control settings
- Equipped with an emergency relief system (rupture disk) to avoid uncontrolled overpressure

| MODE OF OPERATION | |
|-------------------------------------|--|
| Pressure control | By means of a motorized high pressure pump <i>the outlet pressure can be superior to the inlet pressure</i> |
| Control mode | Constant pressure, pressure steps, pressure ramp, constant flowrate |
| PERFORMANCE | |
| Maximum Pressure | 1000 bar |
| Pressure setpoint resolution | +/- 0.1 bar |
| Outlet pressure stability | The outlet pressure stability is ensured by the syringe pump |
| Gas types | Helium, nitrogen, argon, hydrogen ^a , methane ^a , carbon dioxide, dry hydrogen sulfide |
| Syringe pump volume | up to 50 ml |
| GENERAL | |
| Size (W x D x H) | 470 x 770 x 290 mm 18.5 x 30.3 x 11.4 inch |
| Weight | 40 kg 90 lb |
| Power supply | 230 VAC / 50-60 Hz / 16 A |

^aSpecial care needs to be taken with these group 1 fluids