

UP1100系列 超高纯减压阀
UP1100 Series UHP Regulator
控制压力范围0至25bar
Control pressure range from 0 to 25bar



UP1100系列减压阀是一种紧凑型、重量轻、超高纯度单级减压阀。不锈钢膜片密封 保证最小的外部泄露率。内部结构易吹扫，内设多层过滤网。流道经过流体抛光，确保内部无杂质。适用于高纯、腐蚀性、有毒、可燃等气体。

The U P 1100 series pressure reducing valve is a compact, lightweight, ultra-high purity single stage pressure reducing valve. Stainless steel diaphragm seal ensures minimal external leakage. The internal structure is easy to purge, and the multi-layer filter is installed inside. The runner is fluid-polished to ensure no impurities inside. Suitable for high purity, corrosive, toxic, combustible and other gases.

技术参数 Specifications

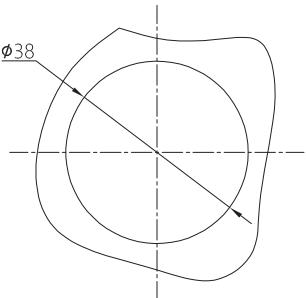
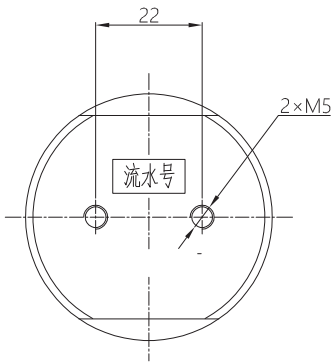
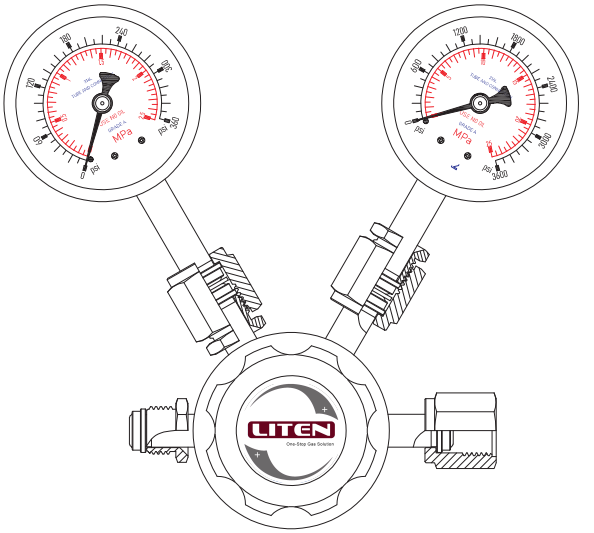
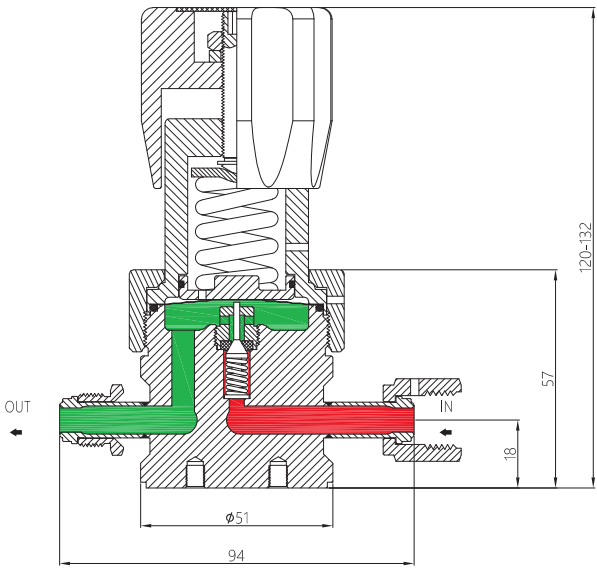
操作参数 Operating Parameters
压力等级根据 ANSI/ASMEB31.3标准
Pressure rating per criteria of ANSI/ASME B31.3

- 最大输入压力 Inlet pressure max
250bar、160bar、60bar、40bar
- 出气压力范围 Outlet Pressure Range
0~25bar
- 安全测试压力 Proof pressure
1.5 times the working pressure
- 适用温度 Operating temperature
-40F~+165F(-40C~+74C)
- 泄漏率 Leak rate
2x10⁻⁸ atm cc/sec He
- 重量 Weight
1.0kg
- 阀座材质 Seat Material
PCTFE、PTFE、PEEK
- 膜片材质 Diaphragm Material
SS316L、Hastelloyor
- 上盖材质 Bonnet Material
304
- 母体材质 Body Materials
SS316L
- 母体螺纹 Mother Thread
1/4VCR
- CV值
0.1、0.12

应用 Applications

- 气相色谱、原子吸收等实验室
Experiments such as gas chromatography and atomic absorption
- 生物科技、食品、药品等实验室
Laboratories for biotechnology, food, pharmaceuticals, etc
- 试验、分析等仪器设备
Test, analysis and other equipment
- 半导体制造
Semiconductor manufacturing
- 光伏、新材料设备
Photovoltaic and new material equipment
- 氢气等燃气系统
Experimental hydrogen and other gas systems

UP1100Series Dimensions 外形尺寸图



订购信息 Ordering Information

UP11	L	G	- D	L	P	- VSM4	- VSM4	- EP2	- BK
系列号 Series	母体材质 Body Materials	母体孔位 Body Ports	进气压力 Inlet Pressure	出气压力 Outlet Pressure	压力表 Gauge	进气接头 Inlet Connection	出气接头 Outlet Connection	洁净等级 Clean Level	旋钮颜色 Knob Color
UP11	L: SS316L	A B G M Q	B: 400bar D: 250bar E: 160bar G: 60bar H: 40bar J: 25bar	J: 25bar L: 16bar N: 10bar P: 6bar Q: 4bar R: 2.5bar	P: psi/Mpa表 B: psi/bar表 M: MPa表 W: Without gauges	FGS10: G5/8 VSM4: 1/4MVCR VSF4: 1/4FVCR	VSM4: 1/4MVCR VSF4: 1/4FVCR	BA: BA级 EP4: 0.4um EP3: 0.25um EP2: 0.18um EP1: 0.13um	BK: Black BU: Blue 5R: Silver white