

HIGH PRESSURE CONTROLLER 1100

HIGH PRESSURE GAS CONTROLLER

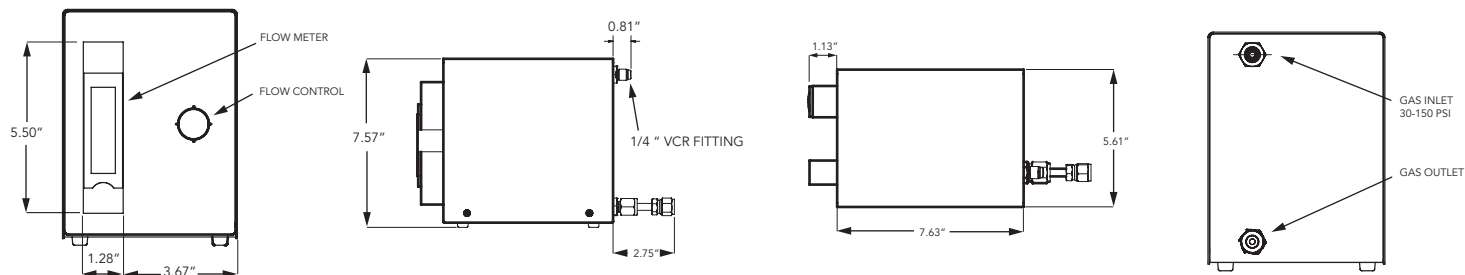


DESIGNED using the latest technology in high-pressure gas components, the High Pressure Controller 1100 allows attachment of a Lighthouse 0.1 μm particle counter to high pressure (30-150 psi) inert gas systems to provide monitoring capability for process gas contamination.

The HPC 1100's exceptional low audible noise, no wasted gas and small footprint allow installation in areas where diffusers were thought impractical. The HPC 1100 can be used with any 1 CFM portable particle counter from Lighthouse.

F E A T U R E S

- Supports 0.1 μm at 1 CFM
- May be used with any inert gas
- Easy set up
- Simple installation
- Front-mounted flow gauge
- Intuitive user control
- Quiet operation
- Fast purge and cleanup
- VCR fittings internally and externally
- Stainless steel construction
- No wasted gas



TECHNICAL DATASHEET

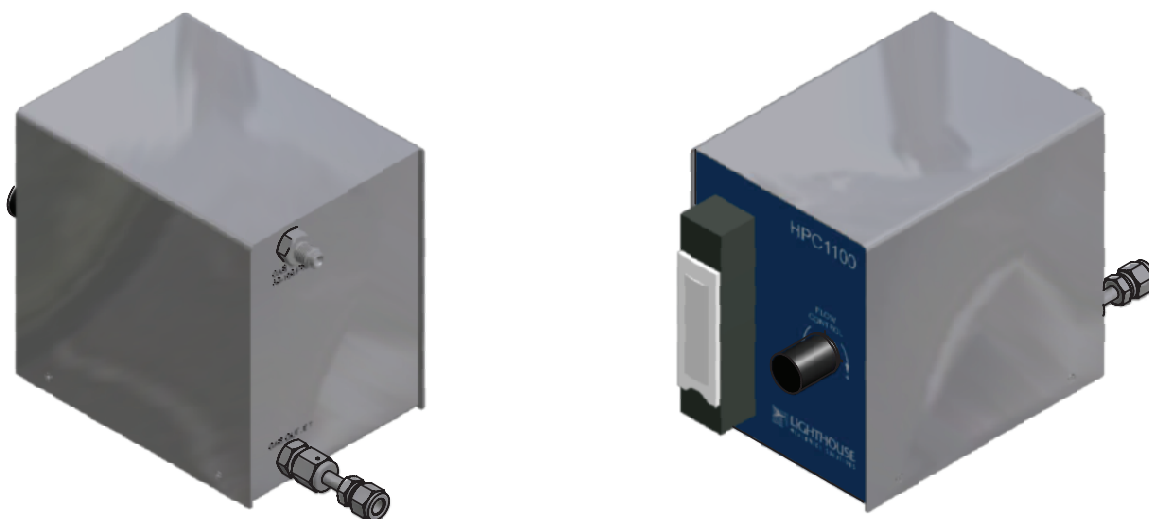
High Pressure Controller 1100

Specifications

Particle Size Range	0.1 μm or greater
Flow Rate	1.0 CFM
Output Pressure	Near atmospheric
Input Pressure	30 - 150 PSI
Compatible Gases	Nitrogen, Argon, Helium, CDA
Operating Noise Level	< 60 db
Enclosure	Stainless steel
Wetted Materials	316L Stainless steel, Hastelloy, PCTFE
Dimensions	5.61" (w) x 7.57" (h) x 10.32" (d) [14.22(w) x 19.30(h) x 26.21(d) cm]
Weight	6 lbs (2.7 kg)

Included Sample tubing; VCR seals; nylon nut and ferrule set.

Optional Additional sample tubing; 1/4 inch female coupling body fitting;
Welded stainless steel in-line filter (0.5 μm , 2.0 μm , 7.0 μm , 15.0 μm).



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Lighthouse Worldwide Solutions reserves the right to change specifications without notice.

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