

The UltraPPM LITE is the latest in cutting-edge manifold design, instilling confidence during sample processing in chromatography workflows. This positive pressure manifold maintains a uniform pressure across all filter wells, guaranteeing a seamless flow of samples for maximum analyte recovery. Offering the flexibility to fine-tune settings, the UltraPPM LITE puts you in control, enabling you to reliably process samples effortlessly and proceed to downstream processes with full confidence.

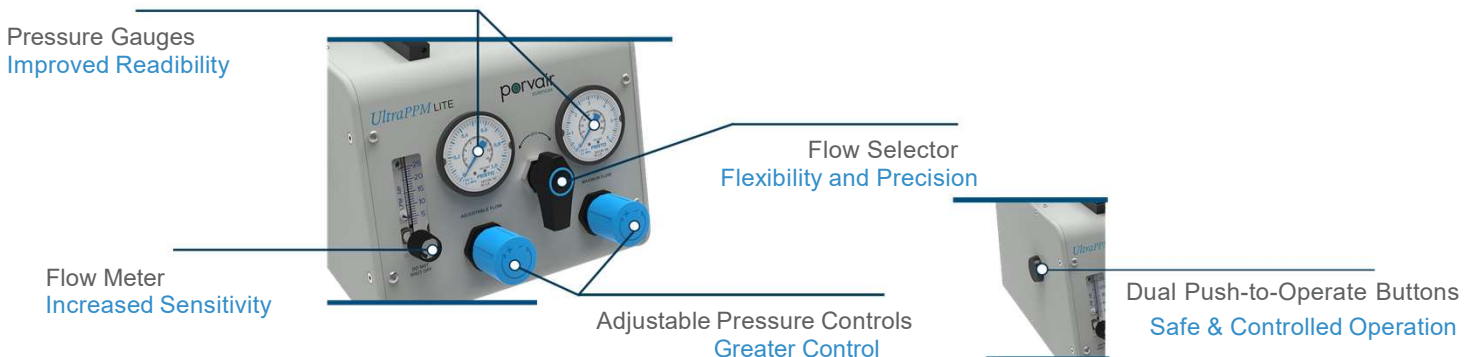
Optimise for Success

The UltraPPM LITE allows you to adjust the pressure and flow of samples in real-time with precision. This level of control allows users to tailor their specific requirements for a wide range of sample types. Moreover, the capability to fine-tune both flow and pressure significantly minimises the risk of cross-contamination, eliminating the common occurrence of splashing often encountered when using vacuum-based manifolds.

- Dual range controls for flow and pressure
- Accessible dials to quickly and adjust pressure and flow
- Clearly designed gauges for easy reading
- Lockable pressure to ensure extraction-to-extraction consistency
- 2 button operation feature for safety and prevention of accidental processing



Order Code: RBX-10083



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Recover with Confidence

Sample processing is a crucial initial step in sample preparation workflows, ensuring thorough cleaning and retrieval of analytes for downstream applications. This step becomes particularly critical when dealing with small sample volumes or precious samples, where every microlitre matters. The UltraPPM LITE overcomes challenges associated with incomplete flow due to filter blocking or inconsistent air delivery by delivering and maintaining uniform pressure across each well of a processing plate. Our proprietary technology guarantees that every sample flows evenly through every well and every use to give you a robust and reliable system that you can rely on.

- Precise and uniform delivery of air flow from manifold head
- Reliable and consistent delivery of gas for repeated processing*
- Interchangeable heads for 24, 48, 96, 384-well processing (see ordering for more information)
- Open design for real-time visual confirmation of sample flow through



Process Many Kinds of Samples

Whether you're working independently or in a multi-disciplinary laboratory, the UltraPPM LITE is designed to handle a wide variety of samples. With the capability to control both pressure and flow, you can easily tailor the settings to match your specific sample requirements. By applying consistent pressure to your samples, the instrument safeguards them against environmental threats like moisture, degradation, and even boiling (in the case of a vacuum manifold setup).

Volatile: The elimination of boiling when using vacuum-based systems prevents loss of volatile compounds.

Sensitive Compounds: Use of clean, moisture-free gas will protect moisture-sensitive compounds. The option to use nitrogen enables you to protect air-sensitive compounds.

Viscous: The ability to use higher pressures that exceed atmospheric pressure, allows processing of viscous samples.

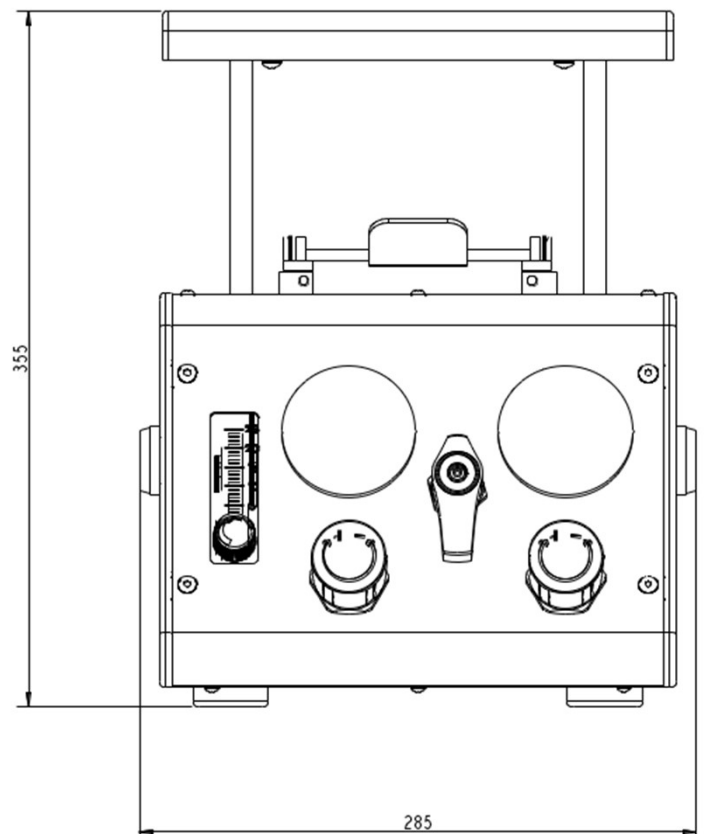
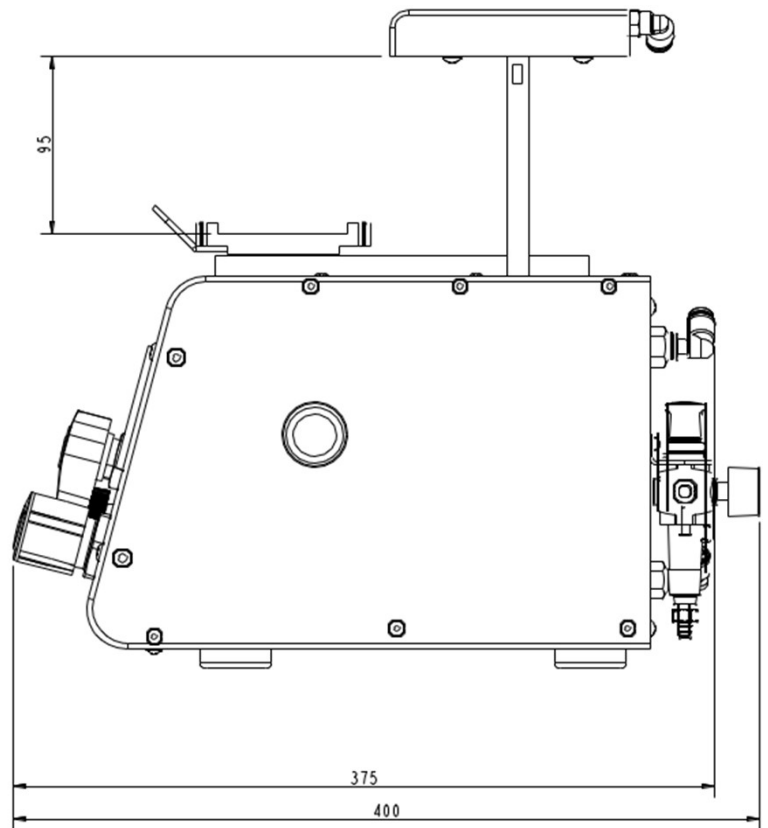
General assembly.

Key Features:

- Easy to use operator friendly
- Separate process heads available
 - 24, 48, 96, 384 formats
- Adjustable flow and pressure settings
 - Low Pressure Regulator
 - 0 – 0.1 Mpa (0-1 bar) (0 -14.5psi)
 - High Pressure Regulator
 - 0 – 0.4 Mpa (0-4 bar) (0 -60psi)
- Flow rate
 - 0 -12 LPM

Operational Requirements:

- Compressed gas supply only.
 - Compressed Nitrogen
 - Clean lab grade compressed air
- Supply gas pressure 5.5 bar (80-100 psi)
- Gas flow rate minimum 20 LPM
- Weights Approx. <15 kgs
- 375/400mm (regulator fitted L x 285mm W x 355mm H



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