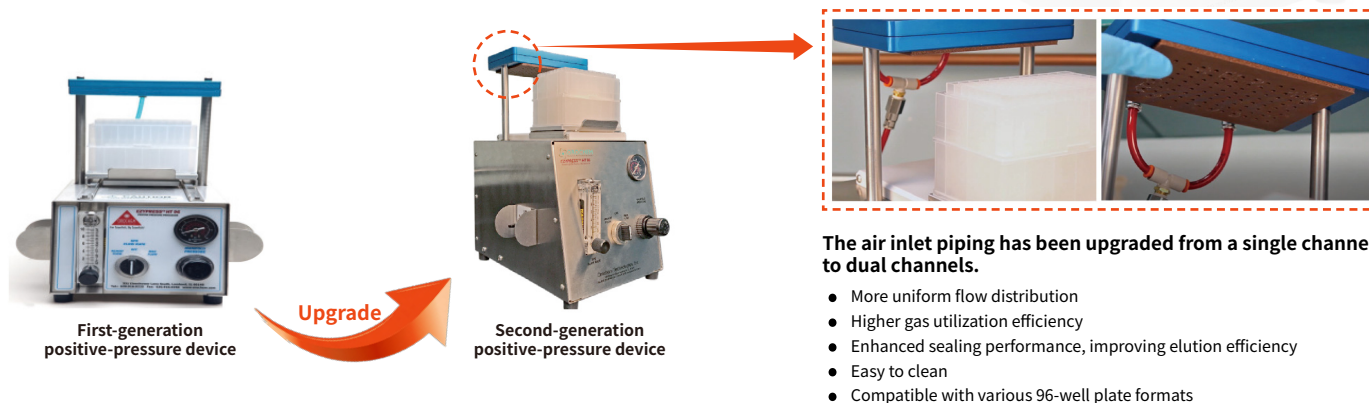


Solid-Phase Extraction System: 96-Well /48-Well Positive-Pressure Manifolds

Product Description

The positive-pressure device is specifically designed for high-throughput sample preparation of biological specimens. Compared with negative-pressure device, the positive-pressure device applies uniform forward pressure, enabling biological samples and solvents to pass consistently through 96-well plates or SPE. This ensures more uniform flow rates across wells or SPE cartridges, overcoming the inconsistent flow rate inherent in negative-pressure device and thereby enhancing the reproducibility of biological sample preparation results.



Product Features

Uniform Flow Rate

Independent air-channel design delivers continuous and uniform positive pressure, ensuring consistent flow rates across all wells on the sample plate or SPE cartridges.

Suitable for High-Viscosity Samples

Maximum adjustable gas pressure up to 100 psi, enabling higher applied pressure than negative-pressure device when processing high-viscosity samples. Smooth, controlled flow rates are achieved via a precision gas regulator and flow meter.

Compatible with Various Plate Formats

The height-adjustable positive-pressure manifold is compatible with all standard 96-well plate formats, including widely used 1 mL and 2 mL array plates.

Simple Operation

Press the two switches on either side or at the front of the device to lower the sealing gasket until it makes firm contact with the 96-well plate or SPE cartridge.

Then, open the airflow control valve and adjust the pressure to apply positive pressure.

96-Well Positive Pressure Manifold – Product Information

PN	Description	Packaging
ORPSP HT 96	EZYPRESS HT 96, Positive Pressure Processor for 96 well plates	1

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