

Positive Pressure Processor

For Well Plates and SPE Cartridges

Orochem technologies provides a wide range of EZYPRESS positive pressure processors. These state of the art machines offer users complete control in running Solid Phase Extraction experiments by using different sources of dry, pressurized gases. Unlike vacuum manifolds, each of the ports in the processor are restricted in order to maintain constant pressure, regardless of whether all the other well plate positions are filled or not.

Features

Both single or double 96-well plate format, and 48, 96, or 144 cartridge format

The platform easily moves the well plates minimizing error in handling while manifold operation is controlled by easy to use toggle switches.

Using dry pressurized air, nitrogen or other inert gases.

For plate format, it fits 1cc, 2cc per well plate as well as microelute plate

The modular rack design helps maximize efficiency of the machine by allowing for quick interchangeability between 1 ml, 3 ml and 6 ml columns, eluting into 12 x 75 mm, 13 x 100 mm and 16 x 100 mm test-tube racks respectively.

Benefits:

➤ Improved Analyte Processing:

A significant problem with conventional vacuum manifolds is that as faster channels run dry, there are variations in analyte processing times. The positive pressure model overcomes this using restricted ports to allow for uniform air flow regardless of analyte presence in the well.

➤ Sorbent Bed Drying:

Not only does the inlet gas allow for improved processing of the analyte, it also serves to dry the sorbent bed. Uniform drying is achieved at a flow of air or nitrogen at 26psi.

➤ Improved Processing of Viscous Samples:

Our machine is capable of processing analyte samples with varying viscosities by allowing for gas pressures of 30 psi and providing a greater motive force for the samples. Based on the sample viscosity, the applied pressure can be easily adjusted using the dual pressure regulators on the front of the machine to provide smooth flow response and control.



EZYPRESS 48



EZYPRESS 96 EXP



EZYPRESS 144 EXP



EZYPRESS HT 96



EZYPRESS HT 192

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Product Ordering Information

Description	Catalog #
EZYPRESS 48	ORPSP 48
EZYPRESS HT 96	ORPSP HT 96
EZYPRESS 96 EXP	ORPSP-96EXP
EZYPRESS 144 EXP	ORPSP-144EXP
EZYPRESS HT 192	ORPSP HT 192
Rack for 1 ml SPE Columns	ORPSP 22
Rack for 3 ml SPE Columns	ORPSP 32
Collection Tube Rack for 12x75mm Tubes	ORPSP 19
Waste Rack with Troughs	ORPSP 26
Collection Tube Rack for 16x100mm Tubes	ORPSP 23
Collection Tube Rack for 13x100mm Tubes	ORPSP 20
Rack for 6 ml for SPE Columns	ORPSP 24
Rack for 6 ml SPE Columns	ORPSP 25
Waste Bin	ORPSP 26