

BCY9602

Positive Pressure 96 Processor

biocomma® Positive Pressure 96 Processor uses a continuous positive pressure gas source to drive variable viscosity liquids through each well of 96-well plate. Applying parallel gas pressure from top of the device ensures highly uniform flow rate across 96 wells.

Faster flow rate of viscous samples ultimately improves stability and reproducibility of target analytes. The device also allows the use of only a fraction of the pore positions without compromising the efficiency and results of the extraction.

Features:

- Flow rates are highly uniform between wells.
- Pressure is constant in each well.
- Provide excellent flow rate for viscous samples.
- Improve the reproducibility of solid-phase supported liquid-liquid extraction (SLE), solid-phase extraction (SPE) and protein precipitation filtration (PPT).
- Easy to use. Adjustable gas pressure is up to 100psi.
- Universal design fits all SPE 96 well plates.
- Built-in safety functions to ensure safe operation for every step and every user.



Applications:

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|---------------------------------|--------------------------------------|---|
| ● Clinical research and testing | ● Drug R&D and clinical drug testing | ● Spice and flavor analysis in food and beverage industry |
| ● Forensic identification | ● Nucleic acid purification | |
| ● Drug abuse testing | ● Protein purification | |

Parameters

Name	Positive Pressure 96 Processor
Specification	BCY9602
Channel	1~96
96-Well Output Working Pressure	Low pressure area: 0~15psi
External Working Air Pressure	High pressure area: 0~95psi
Flatness of Movable Platen	0.35~0.7Mpa
96-Well Air Pressure Uniformity	Height error $\leq\pm 0.1$ mm
Operating Humidity	$\leq\pm 10\%$
Operating Temperature	10%~90%
Applicable Consumables	10°C~40°C
Operation Method	96-well extraction plate, 1ml collection plate, 2ml collection plate Switch knob control
Power Mode	Pneumatic control, no external power supply required
Dimensions	260mm*300mm*360mm
Weight	8Kg

Ordering Information

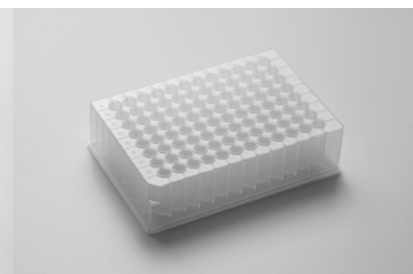
Cat. #	Description	Qty.
BCY9602	Positive Pressure 96 Processor (includes adapters to fit more plates)	1set/box
MPPT9601	96-Well PPT (Protein Precipitation) Plate, 1ml	1pc/box
MPPT9602	96-Well PPT (Protein Precipitation) Plate, 2ml	1pc/box
MSLE96400	96-Well SLE (Solid Supported Liquid-Liquid Extraction) Plate, 400 μ L/2 mL	1pc/box
96WP-C010/20	96-Well Collection Plates, 1.0mL/2.0 mL, Round Well, U-Bottom	24pcs/box



96-Well SLE (Solid Supported Liquid-Liquid Extraction) Plate



96-Well PPT (Protein Precipitation) Plate



96-Well Collection Plates