

1000 ML/MIN

OEM PREPARATIVE PUMP

Preparative pump with very high pressure of **15 MPa** at flow rate up to **1000 ml/min**. It has two pistons connected in parallel, with 20 mm diameter. The pump is suited for preparative liquid chromatography where the high pressure is needed, etc.

This pump is designed as **OEM / built-in** unit.

There is a possibility to use this pump in a **high-pressure gradient mode**, where two, three or four units are controlled via PC using RS232.



When working with buffered solvents, it is possible to use pistons **back washing**.

Pump is supported with software **ECOMAC** and **Clarity**.

SPECIFICATION

Flow rate	2 – 1000 ml/min
Maximum operating pressure	15 MPa up to 1000 ml/min
Flow rate setting	1 ml/min steps
Repeatability of flow rate adjusting	± 1 %
Accuracy of flow rate setting	± 2 %
Wetted materials	stainless steel, PEEK, Tefzel™, PE, ceramic, seals *
Control	RS232
Power supply	48 V
Power input	500 VA
Dimensions (w x h x d)	208 x 108 x 514 mm (8.19 x 4.25 x 20.24 inch)
Weight	18 kg (39.68 lb)
Output capillary outer diameter	1/8"
Input tubing outer diameter	1/4"
Gradient valves control module - OPTIONALLY	Up to four valves

* Pump is delivered with GFP (PTFE) seals a default, optional is UHMW-PE seals, ask for more information.