

ECP2200

PREPARATIVE PUMP

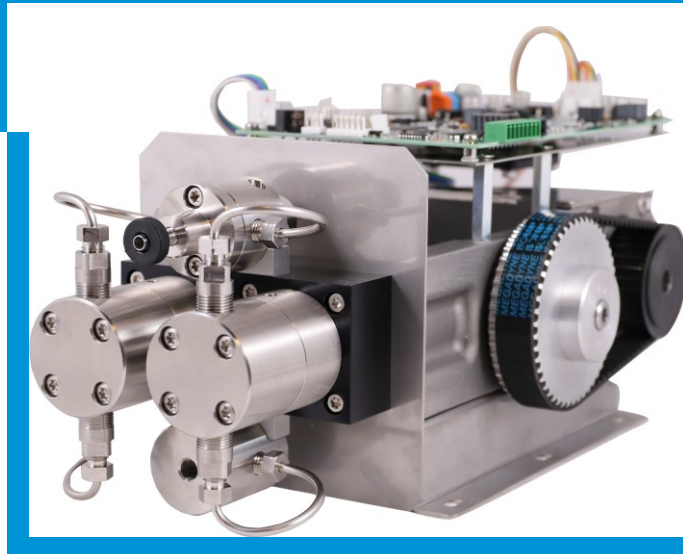
Is a preparative pump with very high pressure up to **30 MPa** at flow rate of **100 ml/min**. It has two pistons connected in parallel, with diameter of 3/8". It is suited for preparative liquid chromatography where is high pressure needed, etc.. Advantage of this pump is a **very stable run even at low flow rates**.

These pumps are designed as **OEM units**.

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**.



This pump does not have a pressure sensor.

Options on request:

- Control module for **LAN and USB** communication
- **Pressure sensor**
- **Additional board for gradient valves controlling**

SPECIFICATION

Flow rate	0.5 – 250 ml/min
Maximum operating pressure	30 MPa (4351 psi) up to 100 ml/min than linearly down up to 15 MPa (2176 psi) at 250 ml/min
Flow rate setting	0.1 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 (LAN and USB optionally)
Power supply	24 – 36 V DC
Power input	250 VA
Dimensions (W x H x D)	212 x 153 x 338 mm (8.35 x 6.02 x 13.31 in)
Weight	10 kg (22.05 lb)
Output capillary outer diameter	1/8"
Input tubing outer diameter	3/16"
Gradient valves control module - OPTIONALLY	Up to six valves

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