

# HPLC Column Washing Pump



ISO 9001:2000

# HPLC Column Washing Pump



**LCP-01 (Series I)**



**LCP-02 (Series II)**

Digital pump for HPLC with flow rate **0.01 - 10 ml/min** and limit of pressure **3500 psig / 6000 psig** is designed for Columns **washing of chromatographic columns** in liquid chromatography. It is designed with piston diameter of 1/8"

Quite new concept of electronic & pump drive allow to use it as standalone unit, just as in PC controlled systems. New piston suspensions and its easy replacement prolong working life and simple maintenance. This Pump can also be used as a standby pump for HPLC System.

Intuitive operating using simple keypad allow easy functions chosen:

- Flow rate
- Maximal flow rate - PURGE (for priming and washing)

**LED display** allows to watch (also from a distance) adjusted flow rate. By pump function choosing, give you this display enough of information for adjusting.



**4 Column Washing attachment for LCP-02 (Series II)**

## Specifications:

Model	LCP - 01 (Series I)	LCP - 02 (Series II)
Maximum operating pressure	3500 psig	6000 psig
Flow rate	0.01 – 10 ml/min in 0.01 steps	0.01 – 10 ml/min in 0.01 steps
Wetted materials	Stainless steel/PEEK/ PTFE	Stainless steel, PEEK, PTFE
Flow accuracy	±2% of a flow rate of 0.20ml/min	±2% of a flow rate of 0.20ml/min
Flow precision	0.5% RSD	0.5% RSD
Control	By keypad, RS 232	By keypad, RS 232
Remote inputs	RS-232	RS-232
Power supply	230 V ± 10%, 50 Hz	230 V ± 10%, 50 Hz
Power input	35 VA	200 VA
Dimensions (W x H x D)	185mm x 150mm x 200mm	297mm x 198mm x 95mm
Weight	5.0 kg.	15.0 kg.

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