

KAPPA 10

SINGLE PISTON ISOCRATIC PUMP

Single piston pump with flow rate of **0.01-10 ml/min** and limit of pressure at **40(20) MPa** is suited for **columns washing and columns regeneration process** in liquid chromatography. It is designed with piston diameter of 1/8".

Completely new concept of electronic control and drive of pump **allows using it as standalone unit, just as in PC controlled systems.**

New piston suspensions and its easy replacement **prolong working life and simplify maintenance.**

Intuitive operating using simple keypad allows easy selection of functions as follows:

- **flow rate**
- **maximal flow rate - PURGE** (for priming and washing)
- **display brightness**



LED display allows to watch (also from a distance) adjusted flow rate.

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

SPECIFICATION

TECHNICAL PARAMETERS:

Flow rate	0.01–10 ml/min
Method of setting	in steps of 0.01 ml/min
Accuracy of chosen flow rate(1 ml/min, 20 MPa, H ₂ O)	±1 %
Accuracy of flow rate settings	±5 %
Maximum operating pressure	40 MPa (up to 2 ml/min), 20 MPa (2.01-10 ml/min)
Wetted materials	Stainless steel, PEEK, PTFE, ceramic
Control	By keypad,RS232
Power supply	100, 115, 230 V ±10% , 50, 60 Hz
Power input	35 VA
Dimensions (W x H x D)	185 x 150 x 200 mm
Weight	5.0 kg