

ELECTROLAB

Peristaltic Pumps



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Instrumentation Superbly Supported
L'instrumentation à son meilleur

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Peristaltic Pumps



Variable Speed Series (V Series)

- Variable speed drive
- Contamination free pumping
- Self priming and can safely run
- Positive displacement, no back flow
- Virtually maintenance free
- Easy to install and operate
- Accurate and repeatable flow rates
- Instant start / stop and reverse facility
- Explosion-proof
- 24 x 7 continuous operation



PP-50V



PP-50VX



PP-201V



PP-301V



PP-401V

Explosion Proof Pumps are also available which complies with gas group I, II A & II B as per IS: 2148 / 81 & IP 65 as per IS: 2147 / 62

V Series Models

Parameters	PP-50 V / PP-50 VX	PP-201V	PP-301V	PP-401V
Flow rate (ml/min)	0.2-280*	0.8-1800*	20-4500*	250-20000*
Accuracy(%)	± 1.5	± 1.5	± 1.5	± 2
Tube size (bore)	1 mm to 4 mm	1 mm to 4 mm	8 mm to 12 mm	8 mm to 18 mm
Wall thickness (mm)	1.5	1.5	1.5	3

Precision Dispensing Pump Station (PDP – LCS)



- Long life and maintenance free, maximizing the end user's up-time
- 20 x 4 LCD
- Software driven user friendly menus to program individual channel
- Fine tuning of dispense volume of each channel
- Stepper motor driven for precise dispensing volume and flow rate control
- Quick tube change facility
- Programmable suck back to prevent dripping
- Assuring superior recipe accuracy and maximizing chemical efficiency
- Dispensing by number of revolution counts for accurate fill
- Integrate filling station adapts to wide range of bottle sizes and fill volumes

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Counter / FCH Series Pumps (PP-201 FCH)



- Programmable fill volume (in terms of counters)
- Programmable suck back to prevent dripping
- Fill by revolution count for better accuracy
- Copy function for repeat fill
- Signals for synchronizing with filing line
- No splashing, bubbles or back flow
- 24 x 7 continuous operation

Cassette Pump (PP-100V)



- Economizes the use of expensive tubing
- Tubing waste is dramatically reduced
- No tools necessary as changing tubing is very easy
- Reduces maintenance time with fast tubing changes
- Variable speed / fixed speed
- Bi-directional (reversible) flow
- Cleanup and priming made easy

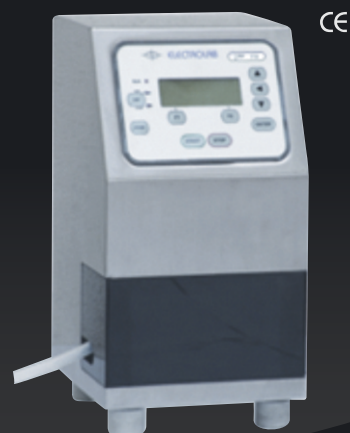
Cascade Head Pump (PP-100 CCD)



snap-fit™ extension pump heads are available

- High performance microprocessor controlled pumps
- Rapid and simple tube loading flip-top pump head
- Zero maintenance with DC stepper motor
- Bi-directional (reversible) flow
- Provision for attachment and detachment of multiple heads

Ceramic Piston Pump (CPP-11V)



- No valves to clog, hang up or service
- Precision dispensing with accuracy better than $\pm 1\%$
- Millions of maintenance free cycles
- Instant reversibility with pump in either direction
- High suction and delivery pressure capability