

Peristaltic metering pump

Product Summary

Dual channel cassette metering pump.

ATMEL AVR RISC microcontroller based.

Ultra accurate dispensing either by weight (gms) or by volume (ml).

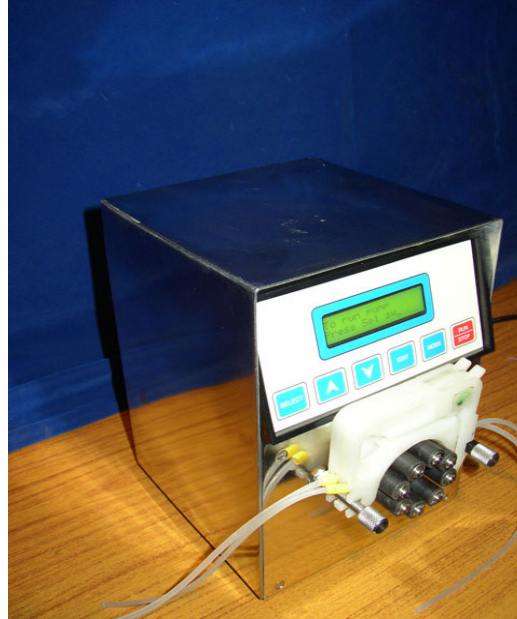
Serial RS232 full duplex interface.

Optional Foot switch or external trigger.

Available also in all SS316 cabinet.

Built in RTC with battery backup.

Pre programmed dispensing at set time.



Salient features

- Embedded microcontroller based.
- Choice of stepper or DC motor drive.
- Deployable cassette head.
- Choice of dispensing by weight or by volume.

Our Esteemed customers

- SUN Pharma
- MJ Pharama
- Radiant Pharma
- Roptele Sonic Ltd
- Memory polymers
- Tan India
- Krebs Biotech

An ultra high precision peristaltic metering pump, dual cassette head, eight Molybdenum Disulphide rollers based on ATMEL AVR microcontroller. The pump is driven a high performance bipolar stepper motor chopper drive. A 24v SMPS and a 5v DC-DC converter power the system and this ensures absolutely consistent & repeatable dispensing even at as low as 0.1 gms.

Available in either powder coated all Aluminum or all SS316 stainless steel cabinet with 16 X 2 backlit alphanumeric LCD and membrane touch keypad. The system can also be remotely triggered by RS232 or through TTL interface (active low logic).

Multiple dispensing options either by weight (gms) or by volume (ml) are user selectable. The system automatically remembers the last used dispensing mode and at power-up is by default set in the same. Calibration is available wherein r.p.m and pump ON time can be controlled for achieving ultra accurate dispensing.