

FlowTECH

Innovation & Quality by Design

Peristaltic pump for Fluid Transfer, Metering and Dispensing

1ml/Hr - 2000 Ltrs/Hr



The most convincing solution for fluid transfer in biotechnology and pharmaceutical as well as food and beverage industries.

Flowtech Peristaltic pump are optimized for increased hygienic requirements with **SS 304** housing.

Benefits of peristaltic Pumping

Compared to lobe pumps, gear pumps, piston pumps & every other type of a pump, these are the advantages of FLOWTECH pumps.

- No contamination of fluid.
- The only wettable part of the pump is the tubing, which is sterile and can be autoclaved.
- Self priming, dry running.
- Ideal for shear sensitive, aggressive fluid and viscous fluid.
- No valves, seal and glands.

Where are peristaltic pumps used ?

There are thousands of processes where confirming the fluid to a tube, and nothing else, is ideal. Instead of stripping and cleaning the pump, just fit a new pump tube which takes only minutes, or even seconds. A sterile tube creates a sterile pump. Especially for filtration, separation, sampling, spray coating, food processing, beverage dispensing, inks, pigments and photographic solutions. If a fluid will pass through a tube, then a peristaltic pump

The Pump head design facilitates easy loading and removal of the tubing. The efficiency of the design is shared between the spring loaded track and bearing loaded delrin / S.S. 304 rollers which together virtually eliminate friction induced tube wear.

TYPES OF PERISTALTIC PUMPS :

- 1) Manual & Auto Control Variable Speed Pumps
- 2) Programmable Dispensing and Filling Pump.
- 3) OEM Fix Flowrate Pump.

MANUAL & AUTO CONTROL VARIABLE SPEED PUMPS

These Pumps offer wide flowrange with easy to read digital Display and Full featured remote control capability.

	MODEL				
	FP-01	FP-02	FP-03	FP-04	FP-05
Speed (RPM)	0.01 to 99.99	0 - 150	0 - 180	10 - 196	10 - 196
Flow Range/(min)	0-100 ml	0-2000 ml	0-3500 ml	50ml-12 Ltr.	0-22 Ltr.
Tube Size BS (mm)	0.5 to 4.8	0.5 to 4.8	4 to 13	6 to 18	6 to 24
Tube Wall thickness (mm)	1.5	1.5 to 2	3	3 to 4	5.5 to 6
Channels	1	1	1	1	1
Optionals	Remote Switch 4 Digit Timer (min/sec); TTL Input for ON/OFF & Direction Controls and 4-20m Amp. for speed Control				
Power Supply	21 watts	24 watts	48 watts	300 watts	360 watts

APPLICATION :

Film Coating, Fermentation, Water Treatment, pH Controllers, Biotechnology, Tissue culture media and many other.

PROGRAMMABLE DISPENSING & FILLING PUMP :

FlowTECH programable dispensing and filling system provide a smooth, contamination free precision fill for pharmaceutical and Biotechnology liquid products. This pump provides precision filling with no pump surface contact, splashing, bubbles, backflow or other undesirable effect.

State of the art, microprocessor based controller provides a unique a dripless fill. Rotation of head is proportional to the volume. The time can be set in increment of 0.1 sec. to 999.9 sec. Pumps can fill liquids from 2 ml. to 8 ltrs. A foot switch, a proximity switch or an external TTL signal triggers the fill. A output signal is provided to indicate end of fill.

APPLICATION : Filling Injectables, Sampling, Dispensing &

- Flame proof pumps for all model or higher flowrate pumps are available.
- Multichannel Pumps of all models are available.

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