ENERTECH ELECTRONICS PVT. LTD.

Providing Quality Solutions - Since 1988

Introduction:

Peristaltic pumps use rotating rollers pressed against special flexible tubing to create a pressurised flow. The tube is compressed at a number of points in contact with rollers. Seals and valves are not needed as in other pumps. Peristaltic pumps are bi-directional allowing suck-back control after discharge to prevent dripping of the liquid.

Features:

- Versatile range of pumps with maximum flow rate ranging from **450 ml/min to 95 ltrs/min**
- Unique **calibration mode for ISO compliant operation**
- **Integrated Time, Volume and Speed settings** in each pump for optimised operation
- Integral **computer connectivity and software package** with each pump at no extra cost
- Rugged for continous operational duty
- Bi-directional flow with suck-back control for precision dispensing
- Accuracy better than 1%
- External TTL and 4-20 mA control signal for ON/OFF, speed and direction control

Enertech's PeriflOw® Peristaltic Pumps

Applications:

Pharmaceutical -
Film coating, Fermentators, pH adjustors, Injectibles, Syrups, Suspensions.

Bio Technology -
Harvesting cell media, Tissue culture, Media culture.

Food Processing -
Dairy products, Sauce dispensers, Chocolate Manufacturing.

Agrochemical -
Fertilisers, Herbicides / Insecticides, Sprayers, Dosing agents.

Environmental -
Salinity analysers, Waste water sampling, Sewage / Sludge analysis.

Filtration & Separation Inks, Pigments and Paints Cosmetics -
Shampoo satchets, Nail polish, Lotions.

Beverage dispensing -
Juices, Essences.

Industrial uses -
Cement adhesives, Lubricator for bearings, Caustic detergents, Dyes in fabric manufacturing, Dispensing glue emulsions, Carpet cleaners, Photographic solutions.

Chemical processing Water treatment -
Oil skimmer.

Enertech's Periflow Peristaltic Pumps

SR. NO.	SPECIFICATION	ENPD-100	ENPD-200	ENPD-300	ENPD-400	ENPD-500	ENPD-600	ENPD-700
1.	Input Supply	230VAC Single Phase	230VAC Single Phase	230VAC Single Phase	230VAC Single Phase	230VAC Single Phase	230VAC Single Phase	230VAC Single Phase
2.	Type of motor	Stepper	Stepper	Stepper	Stepper	AC Induction	AC Induction	AC Induction
3.	No. of rollers	Two	Two	Two	Two	Two	Two	Two
4.	Min. Flow Rate	0.1ml/min	0.3ml/min	0.5ml/min	0.7ml/min	3ml/min	10ml/min	60ml/min
5.	Max. Flow Rate	450ml/min	1200ml/min	2100ml/min	3100ml/min	13.5ltrs/min	35ltrs/min	95ltrs/min
6.	Min. Tube I.D.	0.8mm	1mm	1mm	2mm	5mm	9mm	12mm
7.	Max. Tube I.D.	3mm	6mm	6mm	6mm	12mm	20mm	25mm
8.	Max. Tube O.D.	6mm	10mm	10mm	10mm	20mm	28mm	38mm
9.	RPM of motor	1 to 99	1 to 99	1 to 99	1 to 99	2 to 160	2 to 160	2 to 160
10.	Operation duty	Continous	Continous	Continous	Continous	Continous	Continous	Continous
11.	Bidirectional	Yes	Yes	Yes	Yes	Yes	Yes	Yes
12.	Digital Display	Yes	Yes	Yes	Yes	Yes	Yes	Yes
13.	**Time Setting**	Yes	Yes	Yes	Yes	Yes	Yes	Yes
14.	**Volume Setting**	Yes	Yes	Yes	Yes	Yes	Yes	Yes
15.	**Speed Setting**	Yes	Yes	Yes	Yes	Yes	Yes	Yes
16.	**Calibration Mode**	Yes	Yes	Yes	Yes	Yes	Yes	Yes
17.	**Computer Connectivity**	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232
18.	**Software Package**	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Why To Choose Enertech's Periflow Peristaltic Pump?

Enertech's Periflow Peristaltic pumps are manufactured to exacting tolerances with high quality materials. The rugged construction of the Enertech's Periflow Peristaltic pump makes it an ideal choice for applications where trouble free performance is necessary. It is an excellent choice for shear sensitive fluids and applications where fluid metering, dosing, dispensing, transferring and filtering is necessary. Enertech's Periflow Peristaltic pumps are ideal when handling of corrosives, abrasives, sterile solutions, gases, powders, bases, inks,solvents, oils, slurries, fuels and beverages are required. Enertech Electronics has a peristaltic pump solution for every need at the **best Price Performance ratio**.

Mfg. by : ENERTECH
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* Specification are subjected to change without prior notice due to continues upgradation process.