

# Electronic Dosing Systems Ltd

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## Peristaltic Pump Systems

## Digital Instrument Peristaltic Pump



Universal Power Supply  
100-230 Vac

Sophisticated peristaltic pump designed for high performance and accuracy using the latest technology software, together with variable speed motor providing high output performance & extended tube life through the using the unique 2 PBT Roller with optional 3 PBT roller holder available.

The backlit LCD display provides all information during programming and status of pump parameters, the touchpad keys are used during commissioning and any amendments to the parameters within the pump including priming key, standby mode plus alarm & dosing LED indication.

### Multifunctional Model: - Parameters

Constant – Proportional – PPM – Quantity – mA – Signal Time Dosing – Weekly Timer

**NOTE: - Pumps available as individual Models**

### Instrument Models: - Parameters

Chlorine – Combined pH and Redox (ORP)

Note: - PH parameter can be changed to redox mode & connecting a redox electrode

### Standard Functions: -

Password Input – Start Delay – Overdosing Alarm – Dosing Alarm LED – Priming Button

### Optional Functions: -

Level & Flow Sensor Input – Alarm Relay Output – Set Point & Overdosing Alarm – Dosing Enable Control – Tube Break Alarm – On/Off Switch – 3 PBT Rollers Holder

## Pump Technical Specifications

Model	Flow Rate	Pressure	Tube	Tube Size mm	Multifunction	Instrument
03-01	1.0 l/hr	1 Bar	Santoprene	5.8 x 9.3	Yes	Yes
06-01	6.0 l/hr	1 Bar	Santoprene	5.8 x 9.3	Yes	Yes
12-01	12.0 l/hr	1 Bar	Santoprene	5.8 x 9.3	Yes	Yes
20-01	20.0 l/hr	1 Bar	Santoprene	5.8 x 9.3	Yes	
02-04	2.0 l/hr	4 Bar	Santoprene	4.8 x 9.6	Yes	
05-04	5.0 l/hr	4 Bar	Santoprene	4.8 x 9.6	Yes	

**Note: - Flow Reduction Of 20% With 3 PBT Roller Version**

## Peristaltic Timer System



Set of Hoses & Fittings  
Included With System

Digital timer system ideal for dosing applications requiring minimal maintenance and low output from the pump, installation is simply through the wall bracket with the unit mounted accordingly with the suction/discharge hoses connected to the tube clamp connectors. The digital timer has 10 on/off daily programs including priming manual override switch for service and testing of dosing pump, together with a power on LED and on/off power supply installation switch allowing maintenance of the peristaltic pump.

### Dosing Applications: -

Grease Traps – Biological Chemicals – Flocculants - Small Pools – Brewery Industry Cooling Towers – Vehicle Wash Systems – Irrigation Systems.

### Technical Details: -

Pump Outputs 0.6 to 2.4 Ltr/Hr – Connections 4x6mm – Tube Material Santoprene Pump Pressure 1 Bar: – Clear PVC Suction & Delivery Hose

**Power: - 230 Volt – Consumption 35 Watts.**

## Peristaltic Dosing Pumps

Peristaltic pumps by design simple to install and are low maintenance with minimum parts required when servicing these pumps, by just replacing the peristaltic tube at regular intervals these pumps will provide many years of service.

**Dosing Applications:** - Dishwashers and Laundry, Waste & Water Treatment, Agriculture, Pharmaceutical Production, Laboratory Testing Beverage, Aquariums, Printing Industry.

## MP Series Peristaltic Pumps

Peristaltic pump with adjustable flow rate through potentiometer this enables each pump to be independently set for the maximum desired chemical dosing output, wall mounting for quick installation with choice of chemical resistant tubes and installation kit for each application.



Fixed Speed Available

Model	Flow Rate	Pressure	Tube
1.5-01	1.5 l/hr	1 Bar	Santoprene
04-01	4.0 l/hr	1 Bar	Santoprene
06-01	6.0 l/hr	1 Bar	Santoprene
12-01	12.0 l/hr	1 Bar	Santoprene
20-01	20.0 l/hr	1 Bar	Santoprene
0.5-03	0.5 l/hr	3 Bar	Santoprene
01-03	1.0 l/hr	3 Bar	Santoprene
02-03	2.0 l/hr	3 Bar	Santoprene
<b>NOTE: - Silicone and Tygon Tubes Available</b>			



Supplied Without Rear Casing

## MP1 Series Peristaltic Pumps

Peristaltic pump with fixed output ideal for applications that require a low chemical dosage output, moulded clamp type hose connections for quick installation.



Model	Flow Rate	Pressure	Tube
0.25-01	0.25 l/hr	1 Bar	Santoprene
0.06-01	0.6 l/hr	1 Bar	Santoprene
1.2-01	1.2 l/hr	1 Bar	Santoprene
1.8-01	1.8 l/hr	1 Bar	Santoprene
2.4-01	2.4 l/hr	1 Bar	Santoprene
0.7-03	0.7 l/hr	3 Bar	Tygon
<b>NOTE: - Silicone and Tygon Tubes Available</b>			

Injection Fittings



**Power Supply Alternative: - 24vac-115vac or 24Vdc**

**Additional Pumps Available Upon Request**

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For The Future**

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