

AQUARIUS

Variable Speed Peristaltic Dosing Pumps

Variable Speed Peristaltic
240 Vac or 24 VDC
Dosing Pumps
for the dosage of
Water Treatment Chemicals
- rated to 175 kPa.



Model - MPPUMP



- ✓ Self Priming
- ✓ Flexible Dosage Rates
- ✓ Stackable Pump Heads
- ✓ Suits a wide range of chemical types
- ✓ Available for either 240Vac or 24Vdc applications

ADVANCED TECHNOLOGY FOR THE NEW MILLENIUM

Variable Speed Peristaltic Dosing Pumps

Models available:

1. Models - MPPUMP

The **MPPUMP** is powered from 240Vac and has a graduated speed control dial which controls from 100RPM to nearly stopped.

2. Model - MPPUMPBAT

The **MPPUMPBAT** is powered from 24Vdc and has the same graduated speed control dial as the MPPUMP. It is useful in remote applications where it can be powered from 2 x 12 Volt batteries.

Specifications:

Maximum Speed:	100 RPM
Input Voltage:	MPPUMP - 240Vac @ 0.5Amps MPPUMPBAT - 24Vdc @ 0.8Amps
Gear Motor:	DC brush motor, approx 2000 hours life
Squeeze Tube:	Tygon Special (standard) Norprene (optional)
Roller Block:	2 Lobe Roller (standard) 3 Lobe Roller (optional for Norprene tube)
Nom. Flow Rate:	325 mls/minute
EnclosureType:	ABS weather resistant
Dimensions:	190mm x 190mm x 130mm
Shipping Weight:	4kg

Installation:

Use the small screws supplied with mounting plate to fasten plate to the designated spot on the back of the MP unit.

Fasten two screws (not supplied) into a suitable point on the wall that is to support the unit. Do this in a manner that allows the keyhole slots in the mounting plate to slide over the screws and therefore hold the unit in position.

Cut the desired lengths of PVC delivery tube (pick up and discharge) from the 5 metres supplied. Then place the ceramic drum weight over the end that is to be drawing the product from your supply vessel, push the barbed end of the retainer into the end of the tube (this will hold the weight on). Next use the double ended barbed connectors to attached the PVC supply tube to the black rubber squeeze tube, on the outlet side use the two "Snapper" hose clamps to fasten the tubes onto the barbs tightly (this will prevent them being blown off the unit is pumping into a sealed vessel).

Setting Up:

To set the unit, connect it to either a 240Vac power source for the MPPUMP or to a 24Vdc source (two truck batteries in series) for the MPPUMPBAT. Note that the MPPUMPBAT is not voltage polarity sensitive.

Turn the numerated dial on the front of the unit housing until the pump reaches the required speed and allow the pump to prime up and discharge air from the tubing.

When pumpis fully primed set the numerated dial to give the desired flow rate

The maximum flow rate of your pump depends on the type of squeeze tube used and the number of rollers used.

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MANUFACTURER'S PRODUCT WARRANTY

AQUARIUS TECHNOLOGIES PTY. LTD. manufactures a range of equipment under a Quality Assurance system to ISO9001:1994 standards and warrants equipment of its manufacture to be free of defects in material or workmanship.

Liability under this policy extends for 12 months from the date of installation, or 24 months from the date of shipment from our factory, whichever ever occurs first. The manufacturer's liability is limited to repair or replacement of any failed equipment or part of, which is proven to be defective in material or workmanship upon the manufacturer's examination. This warranty does not include removal or installation costs and in no event shall the manufacturer's liability exceed its selling price of such equipment or part.

Aquarius Technologies Pty Ltd. disclaims all liability for damage to its products through improper installation, maintenance, use or attempts to operate such products beyond their functional capacity, intentionally or otherwise, or any unauthorised repair. Aquarius Technologies Pty Ltd. will not be responsible for any consequential or other damages, injuries, or expense incurred through use of its products.

This warranty is in lieu of any other warranty, either expressed or implied. Aquarius Technologies Pty Ltd. make no warranty of fitness or merchantability. No agent of ours is authorised to provide any warranty other than above.

This warranty does not exclude any condition or warranty implied by the Trade Practices Act 1974 or separate State Laws in Australia and is in addition to any other right that the original purchaser or any subsequent purchaser may have under Australian law.

Should a unit fail to function normally, please contact our Customer Service Department by phone or fax quoting, Model Number, and Serial Number, for initial discussion of the problems encountered, and if it is necessary to return the item to the factory, a Return Authorisation number will be given to facilitate return, and repair or replacement of the item.

The Item for return should be carefully packaged to prevent any damage in transit, contain the Return Authorisation identification number, customer identification, and return delivery details, and the freight prepaid to our factory. If in the opinion of our factory, after examination, the failure was due to materials or workmanship, repair or replacement will be made with out charge for parts, labour and return freight. A reasonable service charge will be made for diagnosis and/or repairs due to normal wear, abuse, tampering or damage in transit.

AQUARIUS TECHNOLOGIES PTY Ltd. reserve the right to continue development and improvement of the entire range of our equipment, and therefore minor changes may occur due to these improvements and the continuing development.

