

# DEMA<sup>®</sup>



## Peristaltic pumps for Ag-Chem & Post Harvest

Over fifty configurations available to suit a variety of applications



### APPLICATIONS

- > HYDROPONICS
- > FERTIGATION
- > WATER TREATMENT
- > pH CORRECTION
- > FRUIT WAXING
- > PEST CONTROL

### FEATURES & BENEFITS

- > OUTSTANDING VALUE
- > OPTIONAL VARIABLE SPEED
- > MULTIPLE CONFIGURATIONS
- > OPTIONAL QUICK-CHANGE
- > ROBUST DESIGN
- > HIGH FLOW RATE

### WHY PERISTALTIC PUMPS?

- > STILL THE MOST COST EFFECTIVE TYPE OF CHEMICAL DOSING PUMP
- > THE SQUEEZE TUBE IS THE ONLY PART OF THE PUMP THAT CONTACTS THE CHEMICAL
- > SIMPLE DESIGN PROVIDES EASE OF MAINTENANCE
- > SELF PRIMING
- > WILL WORK WITH GASSING CHEMICALS SUCH AS HYPOCHLORITES, PEROXIDES & CHLORINE DIOXIDE



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DEMA AUSTRALIA  
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# THE BASICS

**SIZE 2 PUMP** →



**CP.2/05AC** ↓



**QP.P/100** →



**MP.2/100** →

## CP series

- > Fixed speed peristaltic pumps
- > Available with 1,2,4,J & P type pumpheads
- > Available either with or without DM enclosure & installation kit
- > Enclosure rated IP-65 for size 1/2 & IP-64 for 4, J & P pumps
- > Enclosed models with power lead & switch
- > 24VDC motors in 15, 60 & 100 rpm spec
- > 240VAC motors in 5, 15, 30, 60 & 100 rpm spec

## QP series

- > Fixed speed P type pump with 15, 60 or 100 rpm 24VDC motor
- > Supplied in IP-53 enclosure, power lead & switch

## MP series

- > Variable speed pumps with 24VDC motors
- > Supplied in the same enclosure as CP series
- > Dual pump systems available

## Options for all models

- > Multiple squeeze tube materials incl. EPDM, silicone, Viton, Norprene & Tygon
- > Custom versions available

## Pumphead specifications

FLOW RATE LITRES / HOUR @ 1 bar		PUMP CONFIGURATION				
		SIZE 1	SIZE 2	TYPE J	SIZE 4	TYPE P
MOTOR SPEED RPM AC / DC	5 AC	0.45	0.90	1.50	3.05	4.50
	15 AC/DC	1.50	2.70	4.45	9.25	13.5
	30 AC	2.70	5.40	8.90	18.5	27.0
	60 AC/DC	5.25	9.75	17.8	37.0	54.0
	100 AC/DC	9.15	19.5	29.7	61.8	90.0
MAX PRESSURE - bar		4.10	3.40	2.40	2.00	2.40

**SIZE 1 / 2**



**TYPE J**



**SIZE 4**



**TYPE P**



**Call us to discuss the best pump for your' application:**

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