



version 1.0



2017 BROCHURE

Peristaltic Pump

Digital Peristaltic Pump

MU-D series



Easy load pump head with reversible flow for purging purposes

CE



Multiple loading, up to 2 pump heads in one unit (MU-D01/02 only)



Cat. No	MU-D01	MU-D02	MU-D03	MFU-01	MFU-02
Controller	Digital microprocessor controller				
Motor	Brushless motor			Stepping motor	
Power	50W	100W			
Pump speed increment	20 - 300rpm / 1rpm	5 - 600rpm / 1rpm	20 - 300rpm /1rpm	Approx. 1 - 100rpm / by percentage	
Max. pump speed	300rpm	600rpm	300rpm	Approx. 100rpm	
Variable flow rate	1.2 - 1,140ml/min	0.3 - 2,280ml/min	0.8 - 3,300ml/min	0.6 - 380ml/min	
Number of rollers	3		2	3	
Number of peristaltic Pumps	1(max. 2)		1	2	4
Operating temperature	Ambient to 40 °C				
Dimension (mm)(WxLxH)	200x340x130		240x340x170	265x340x180	
Construction	Painted iron metal				
Weight	Approx. 5.7kg		Approx. 6.2kg	Approx. 5.7kg	
Rated voltage	110V/220V	100V-240V	100V-240V	110V-240V	
Program	2-step Program (running & ceasing); Max. of timer: 99 (hr) : 59 (min) : 59 (sec)				

Tubing Order Information

Silicon tubing specifications						
Cat. No.	MU-S13	MU-S14	MU-S16	MU-S25	MU-S17	MU-S18
Inner diameter inches. (mm)	0.03(0.8)	0.06(1.6)	0.12(3.1)	0.19(4.8)	0.25(6.4)	0.31(7.9)
Hose barb size inches. (mm)	1/16(1.6)	1/16(1.6)	1/8(3.2)	3/16(4.8)	1/4(6.4)	3/8(9.5)
Flow range with 6 to 600rpm drive (ml/min)	0.36 to 36	1.3 to 130	4.8 to 480	10 to 1000	17 to 1700	23 to 2300
Maximum pressure, continuous	25psig (1.7bar)			20psig (1.4bar)	15psig (1.0bar)	10psig (0.7bar)
Maximum pressure, intermittent	40psig (2.7bar)			35psig (2.4bar)	20psig (1.4bar)	15psig (1.0bar)
Maximum vacuum	26" Hg (660mm Hg)				20" Hg (510mm Hg)	
Suction lift	29ft H ₂ O (8.8m H ₂ O)				22ft H ₂ O (6.7m H ₂ O)	

Dual and Tetrad Peristaltic Pump

MFU series



Dual and tetrad pump models available, with individual controller for each pump



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*Technical specification subject to change without notice.

*Please visit our website at www.majorsci.com for more product selection and detailed information.

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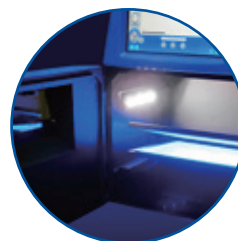
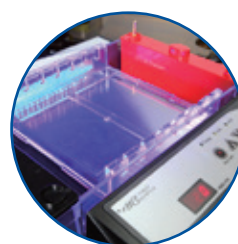
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