



2018 BROCHURE



Peristaltic Pump



Digital Peristaltic Pump

MU-D series



Easy load pump head with reversible flow for purging purposes



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



Cat. No	MU-D01 CE	MU-D02 CE	MU-D03 CE	MFU-01 CE	MFU-02 CE
Controller	Digital microprocessor controller				
Motor	Brushless motor			Stepping motor	
Power	50W		100W		
Pump speed / increment	20 - 300rpm / 1rpm	5 - 600rpm / 1rpm	20 - 300rpm / 1rpm	1 - 100rpm / 1rpm	
Max. pump speed	300rpm	600rpm	300rpm	100rpm	
Flow range **	1.2 - 1,140ml/min	0.3 - 2,280ml/min	8 - 3,272ml/min	0.08 - 375ml/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		240x338x167	265x340x180	315x340x180
Material	Painted iron metal				
Weight	Approx. 5.7kg		Approx. 6.2kg	Approx. 7kg	Approx. 11.3kg
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)				

**The flow range is subject to the silicone tube that used. Please see Silicon tubing specifications table for reference.

Tubing 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
*The flow range is subject to the silicone tube that used. Please see Silicon tubing specifications table for reference.						
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)		

* MU-S18 is not compatible with MFU series.

Dual and Tetrad Peristaltic Pump

MFU series



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



CE



*All technical specifications are subject to change without notice.

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

US Office

19959 Sea Gull Way
Saratoga, CA 95070
U.S.A.
T/ +1-408-366-9866
F/ +1-408-446-1107

Taiwan Office

No.19, Ln. 207, Huakang St.
Bade Dist., Taoyuan City 33464
Taiwan
T/ +886-3-3623319
F/ +886-3-3623133

Shanghai Office

Room 612, International business exhibition center,
9300 Hunan Road, Pudong, Shanghai, China
National toll-free No.:400-823-9177
T/ +86-21-50795277
F/ +86-21-50795277

India Office

D. No. 12-13-99, Satguru Apts. Extn.
Street. No. 3, Lane No.1, Tarnaka
Secunderabad – 500 017. India
T/ +91-40-27001515
T/ +91-40-27001586



www.majorsci.com
info@majorsci.com