

version 1.0



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Innovative Life Sciences Tools



Peristaltic Pump



Digital Peristaltic Pump

MU-D series



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



Easy load pump head with reversible flow for purging purposes



Cat. No	MU-D01 CE	MU-D02 CE	MU-D03 CE
Controller	Digital microprocessor controller		
Motor	Brushless motor		
Power	50W	100W	
Pump speed / increment	20 - 300rpm / 1rpm	5 - 600rpm / 1rpm	20 - 300rpm / 1rpm
Max. pump speed	300rpm	600rpm	300rpm
Flow range **	1.2 - 1,140ml/min	0.3 - 2,280ml/min	8 - 3,272ml/min
Number of rollers	4		2
Number of peristaltic Pumps	1(max. 2)		1
Operating temperature	Ambient to 40 °C		
Dimension (mm)(WxLxH)	200x340x130		240x338x167
Material	Painted iron metal		
Weight	Approx. 5.7kg		Approx. 6.2kg
Rated voltage	110V/220V	100V-240V	100V-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.

*All technical specifications are subject to change without notice.

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



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