Mini Series Peristaltic Pump

GM200-2B/GM400-2B

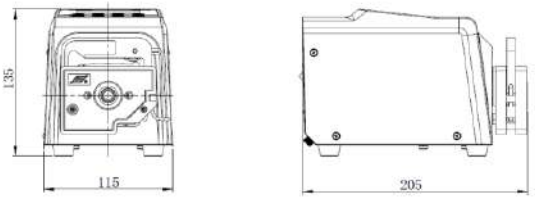
LONGER
A Halma company



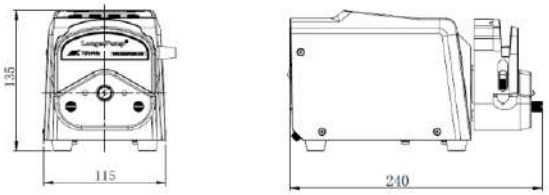
- Compact size and structure
- Speed control 20,000:1 or 40,000:1
- Continuous and timer modes for different applications
- Keypad and footswitch control for local operation
- Low-noise design
- Compatible with various peristaltic pump heads with a wide flow range

Typical Applications

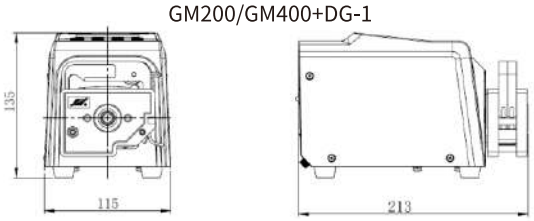
Cell culture
Microbial fermentation
Filtration and chromatography
Reagent titration
Sterile medicine transfer
Water treatment reagent dosing
Water treatment sample transfer
Food additive transfer



GM200/GM400+DG-1



GM200/GM400+YZ15/YZ25



GM200/GM400+DG-2

	GM200-2B	GM400-2B
Pump speed	0-200rpm	0-400rpm
Speed resolution	0.01 rpm (speed<10rpm);0.1rpm (10rpm≤speed<100rpm);1rpm (100rpm≤speed≤max)	
Display	LCD screen for pump speed, running direction, time, start/stop status and work mode	
Running direction	Clockwise or counter-clockwise, can be toggled during running	
Work mode	Continuous or timer mode	
Control mode	Keypad or footswitch control	
Keypad control	Set the parameters and control the pump via keypad: start/stop, running direction, prime function, speed adjustment, work mode, timer	
Footswitch control	Control the start/stop via a footswitch	
Timer function	In timer mode, the pump runs and stops based on the set timer duration. Timer range: 0.1s to 999h.	
Runtime counter	In continuous mode, the pump automatically records the runtime and can accumulate the multiple operation periods (reset upon power-up). Timing range: 0.1s-999h	
Keypad lock	To prevent misoperation	
Pump status when powered up	Stop	
Parameter retention	Run and system parameters are saved after power loss	
Prime	Fast filling or emptying at full speed	
Dimensions (L*W*H)	175mmx115mmx135mm (pump drive only)	
Power supply for adapter	AC100-240V, 50Hz-60Hz	
Power supply for pump	DC24V/15W	DC24V/30W
Working condition	Environment temperature:0°C-40°C, relative humidity:<80%	
IP rating	IP31	
Weight	1.7kg (pump drive only)	

Pump Drive Model	Pump Head Model	Speed	Roller Number	Channel Number	Pump Head Material	Tubing	Max Flow Rate Reference (mL/min)
GM200-2B (Product Code: 05.02.05A)	YZ1515x	≤200rpm	3	1	Housing: PESU or PPS Roller: Stainless steel	13#, 14#, 19#, 16#, 25#, 17#, 18#	760
	YZ2515x		3	1		15#, 24#	540
	DG-1 (6rollers)	≤100rpm	6	1	Cartridge: POM or PVDF Roller: Stainless steel	ID≤3.17mm, W.T.: 0.8-1mm	48(Single Channel)
	DG-1 (10rollers)		10	1			32(Single Channel)
	DG-2 (6rollers)		6	2			48(Single Channel)
	DG-2 (10rollers)		10	2			32(Single Channel)
GM400-2B (Product Code: 05.02.05B)	YZ1515x	≤400rpm	3	1	Housing: PESU or PPS Roller: Stainless steel	13#, 14#, 19#, 16#, 25#, 17#, 18#	1520
	YZ2515x		3	1		15#, 24#	1120

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