Mini Series Peristaltic Pump

LONGER
A Halma company

GM100-2A&WX10

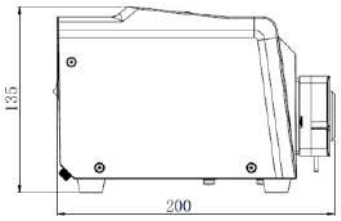


- Compact size and structure
- Speed control 10,000:1
- Continuous and timer modes for different applications
- Keypad and footswitch control for local operation
- Low-noise design
- Including the 4-roller pump head WX10-14 with low pulsation

◎ Typical Applications

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







Use slip-on stops to secure the tubing in place.

	GM100-2A&WX10
Pump speed	0-100rpm
Speed resolution	0.01 rpm (speed<10rpm);0.1rpm (10rpm≤speed≤100rpm)
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)	200mmx115mmx135mm (including pump head)
Power supply for adapter	AC100-240V, 50Hz-60Hz
Power supply for pump	DC24V/8W
Working condition	Environment temperature:0°C-40°C, relative humidity:<80%
IP rating	IP31
Weight	1.25kg (including pump head)

Pump Model	Product Code	Pump Head Model (included)	Roller Number	Pump Head Material	Tubing	Max Flow Rate Reference (mL/min)
GM100-2A&WX10	05.02.07A	WX10-14-A	4	Housing:ABS Roller:POM	ID≤3.17mm, W.T.: 0.8-1mm	40

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