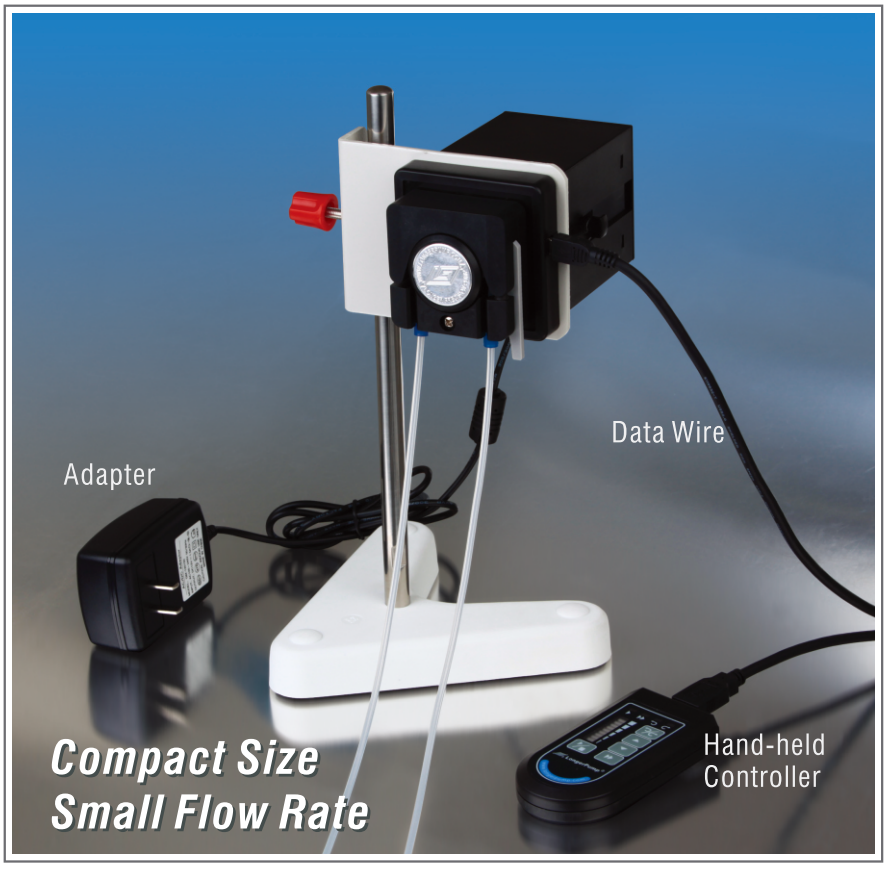
Basic Peristaltic Pump

BQ50-1J

Max. Flow Rate

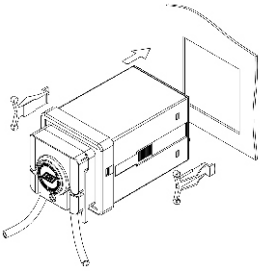




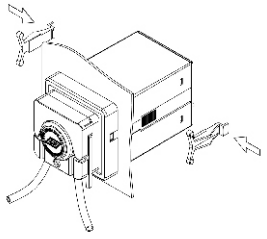
Mainly used in laboratorial applications.
Embedded or rack-mounted.

Speed	1rpm-50rpm, CW/CCW
Speed resolution	1rpm (manually control), 0.1rpm (external control)
Control mode	Hand-held controller, external signal control and communication control are available
Display	Hand-held controller displays speed and running status
External control	Start/stop, direction and speed control (4-20mA, 0-5V, 0-10V, 0-10kHz external control module optional)
Communication	RS485
Power-off memory	Return to previous status when powered on
Prime	For fast filling and emptying at full speed
Dimension (L×W×H)	135mm×72mm×72mm (drive + pump head)
	105mm×50mm×16mm (hand-held controller)
Power supply	DC 12V/10W (pump)
	AC 90V-260V/10W (adapter)
Operating temperature	0 to 40°C
Relative humidity	＜80%
IP rating	IP31
Weight	0.5kg
Standard configuration	Drive with pump head, hand-held controller, adapter, data wire
Optional accessories (Order separately)	Small V-base, polished stainless steel pole, fixing plate, specific tubing

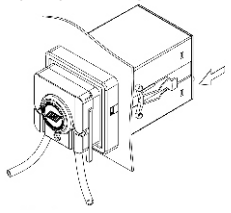
Installation Drawing



1. Insert pump into the mounting hole of user instrument.



2. Insert the clips into the slots of the pump housing.



3. Push the clips and fix the pump in user instrument.



Model	Product Code	Color	Pump Head	Pump Head Material	Tubing	Max. Flow Rate (mL/min)	Weight (kg)
BQ50-1J-A	05.02.02A	Black	WX10-14-A	POM	ID ≤3.17 (mm) Wall Thickness 0.8-1 (mm)	20	0.5
BQ50-1J-B	05.02.02B		WX10-14-C	PVDF			
BQ50-1J-E	05.02.02E	White	WX10-14-B	POM			
BQ50-1J-F	05.02.02F		WX10-14-D	PVDF			

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