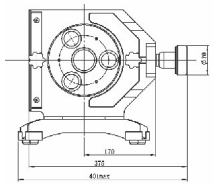
Basic Peristaltic Pump

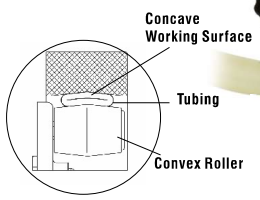
JL350-2J

Flow Rates

Mainly used in industrial application.
AC motor, frequency control, high IP rating.
Combine special convex rollers with concave compression block to run stably and prolong tubing life.



Fluid transferring in industrial application



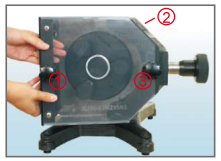
Speed	30rpm-350rpm, CW/CCW
Speed resolution	0.6rpm
Control mode	Control panel, external analog control and communication control are available
Display	LCD for running information
Speed control	0-5V, 0-10V, 4-20mA linear control
Start/stop signal input	Switch signal control
Direction signal input	Switch signal control
Communication interface	RS485 or RS232
Memory function	Storing the running parameter automatically
Dimension (L×W×H)	417×401×321 (mm)
Power supply	AC 220V±10%/400W
Operating temperature	0 to 40℃
Relative humidity	＜80%
IP rating	IP55(excluding frequency converter)
Weight	32kg

CE

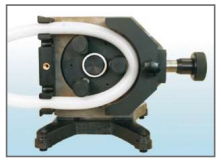
INDUSTRIAL

IP55

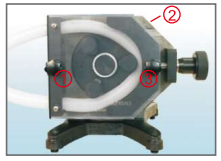
Tubing Loading



A
1. Turn the knob ①、② counter clockwise.
2. Turn the hand wheel to loose the compression block.
3. Pull the knob ③ and take off the front cover.

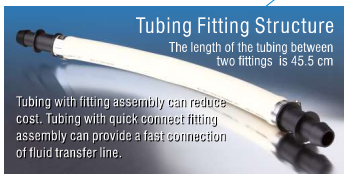


B
4. Select suitable tubing slots, place the tubing between the roller and the compression block, then put the tubing in the corresponding tubing slots.



C
5. Pull the knob ③, insert the front cover, tighten the knob CW to fix the front cover ①.
6. Turn the hand wheel and adjust the occlusion between the roller and the compression block.
7. Tighten the knob ② and fix the compression block.

Tubing with fitting assembly.



Model	Product Code	Pump Head	Tubing	Flow Rate (L/min)	Weight (kg)
JL350-2J	05.02.34A	KZ48	88#	1.3-15	32
			92#	3-35	

Tel: 86 - 312 - 3110087 Fax: 86 - 312 - 3168553 Internet www.longerpump.com E - mail:longer@longerpump.com

Basic Peristaltic Pump

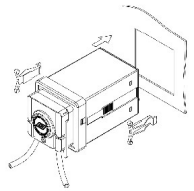
BQ50-1J

Max. Flow Rate

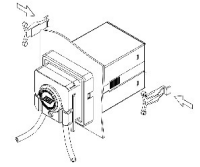
Mainly used in laboratorial application
Embedded or rack-mounted

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 state
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 state when power 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℃
Relative humidity	＜80%
IP rating	IP31
Weight	0.5kg
Standard configuration	Drive with pump head, hand-held controller, adapter, data wire
Optional accessories	Small V-base, polished stainless steel pole, fixing plate, specific tubing

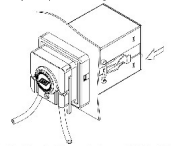
Installation Drawing



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.

CE

LAB

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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