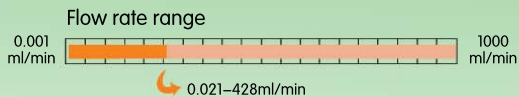


Digital Flow-rate Display Pump

Advanced mode from variable-speed pump. Designed with features of current flow rate display and flow rate calibration.

BL100



Features

- The housing is covered with special coating which makes the housing antiseptic and easy to clean.
- Use LED display control panel to adjust speed and current flow rate.
- The use of Stepping Motor enables the pump to operate accurately and smoothly.
- Designed with functions of flow rate display, tubing ID selection and flow rate calibration.

Applications

- Add sodium hypochlorite in water treatment process.
- High accuracy transfer of chemical intermediate.

IP31

1 year warranty



Pump Head: DG



Pump Head: KZ15



Pump Head: E313D-E316D



Pump Head: YZ15(PPS)



Pump Head: E410



Console Panel

Product Information

Specification

Speed	0 ~ 100rpm
Speed accuracy rate	0.1 rpm
Speed control	Buttons on console panel
Display	4-digit LED numerical display
Remote control	Start/stop, direction, speed control. (0-5V, 4-20mA control)
Communication protocol	RS-485
Power supply	AC220V ± 10% 50/60Hz
Power consumption	≤ 50W
Working environment	Temperature 0-40°C, humidity < 80%
Drive dimension	245mmx125mmx140mm
Drive weight	3.9kg

Prefluid Application Example

Problem:

Scientific research crews are doing generic recombination experiment. They used multiple peristaltic pumps to distribute samples. However, because normal pump only features speed display function, scientists can't get specific data report from the experiment, hence unable to make experiment analysis.

Solution:

Our flow rate display pump will provide the perfect solution to this problem. BL100 is featured with current flow rate (ml/min) display function, which makes data collection possible. Also the pump is featured with flow rate calibration function for fluid of different viscosity. Most importantly, the price is very competitive, only a little bit higher than the variable speed pump.

Ordering Information

Product code	Model	Drive	Pump head	Tubing	Flow rate range for reference (ml/min)
72100-14	BL100-YZ15		YZ15	14# 19# 16# 25# 17#	0.15-280
72100-KF	BL100-KZ15		KZ15	13# 14# 19# 16# 25# 17#	0.12-281
72100-40	BL100-E313D	BL100	E313D	14# 19# 16# 25# 17# 18#	0.25-428
72100-60	BL100-E316D		E316D	14# 16# 25# 17#	0.14-161
72100-D4	BL100-DG4		DG4	1x1 2x1 2.4x0.8 0.5x0.86 0.19x0.86 0.86x0.86	0.021-21.2(single channel)