

Low Pulsation Dispensing Peristaltic Pump

Model NO. : IF3

Flow Rate : 0.01-4340mL/min



Product Features

Closed-loop stepper motor drive, high precision, low pulsation dispensing peristaltic pump.

The low pulsation pump head is special for high precision filling. Through the phase difference between the two sets of rollers, make the fluid peaks and valleys complementary, then reduce the pulsation of the fluid.

Adaptive pressure tubing space, extend the tubing lifetime effectively.

Achieving high precision dispensing of micro flow rate.

New flow rate mode, can be used for continuous transferring.

Can communicate with balance, closed-loop control.

Pump Head



DY15/DY25



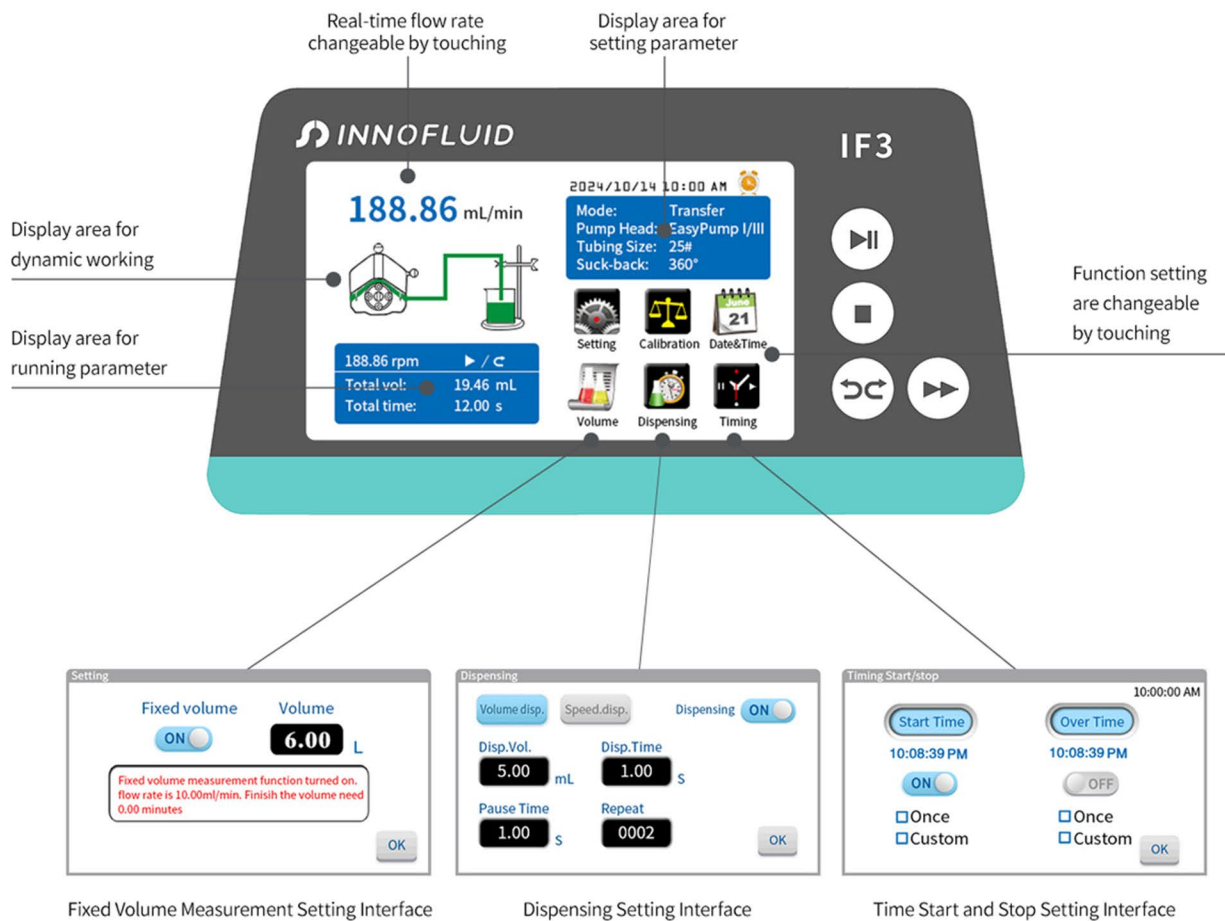
DY15/DY25

Drive	Motor Type	Pump Head	Tubing Size	Speed Range(rpm)	Flow Rate(mL/min)
IF3	Closed-loop stepper motor	DY15	13#, 14#, 19#, 16#, 25#, 17#, 18#	0.1-350	0.01~3337
		DY25	15#, 24#, 35#, 36#		0.42~4340

Filling Volume Reference Parameter(Media is water)

Drive	Pump Head	Tubing	Filling Volume (mL)	Filling Time (s)	Accuracy (±%)	Output (pcs/min)	Motor Speed (rpm)
IF3	DY15	14#	0.5	0.5	0.8	40	94.19
		14#	1	0.6	0.8	38	156.99
		14#	3	1	0.5	30	282.57
		19#	5	1	0.8	30	234.38
		16#	15	1.5	0.5	24	290.42
		25#	20	1	0.5	30	258.29
		17#	30	1	0.5	30	282.53
		18#	100	2.5	0.5	17	251.73
	DY25	15#	10	0.8	0.8	33	177.35
		24#	30	1	0.8	30	235.94
		35#	70	1.5	0.5	24	242.21
		36#	100	2	0.5	20	241.94

Screen Display



Dimension Drawing(Unit: mm)

