

ODM System Solution

Model NO. : Liquid transferring system

Flow Rate : According to customers request



Product Features

1. Integrated liquid transferring system, each unit control independently.
2. Keypad control start/stop and direction.
3. OLED screen display motor speed.
4. Support RS232/RS485 communication.

Technical Specifications

Flow rate range	5.3uL–3100mL/min
Speed range	0.1–600rpm
Speed resolution	0.1rpm when the speed is 0–100rpm, 1rpm when the speed is 100–600rpm.
Motor type	Closed-loop stepper motor
Display	OLED screen
Control method	Mechanical keypad
Keypad lifetime	300,000 times
External speed control signal	0–5V, 4–20mA, 0–10V
Start/stop, direction signal	Passive switch signal,such as foot pedal switch;
	Active switch signal: 5–24V universal
Communication interface	RS232, RS458 communication modbus protocol(RTU mode)
Power supply	AC 220V±10%, 50Hz/60Hz (standard), AC 110V±10%, 50Hz/60Hz (optional)
Power consumption	<80W
Condition temperature	0–40°C
Relative humidity	<80%

Technical Specifications

Pump Head	Tubing	ID×Wall thickness(mm)	mL / r	Flow Rate(mL/min) (0.1–600rpm)	Tubing Max.Pressure(Mpa)		Weight(kg)
					Intermittent	Continuous	
Single Channel EasyPump I/III	13#	0.8×1.6	0.053	0.0053~32	0.27	0.17	0.6
	14#	1.6×1.6	0.27	0.027~162			
	19#	2.4×1.6	0.55	0.055~330			
	16#	3.1×1.6	0.933	0.093~560			
	25#	4.8×1.6	1.967	0.197~1180	0.24	0.14	
	17#	6.4×1.6	3.333	0.333~2000	0.14	0.10	
	18#	7.9×1.6	4.3	0.430~2580	0.10	0.07	
Single Channel EasyPumpII/ IV	15#	4.8×2.4	1.8	0.180~1080	0.27	0.17	
	24#	6.4×2.4	2.733	0.273~1640			
	35#	7.9×2.4	3.833	0.383~2300	0.24	0.14	
	36#	9.6×2.4	5.167	0.517~3100			
Dual Channel EasyPump V/VI	13#	0.8×1.6	0.0053	0.0053~32	0.27	0.17	
	14#	1.6×1.6	0.27	0.027~162			
	19#	2.4×1.6	0.55	0.055~330			
	16#	3.1×1.6	0.933	0.093~560			
	25#	4.8×1.6	1.967	0.197~1180	0.24	0.14	