

Application

- Analytical instruments
- Laboratories
- Industrial processes
- Fine chemicals
- Food processing



Pump Head



Features

- Two driving options: stepper motor and brushless motor, with up to 6 pump heads in series
- Touch keypad for adjusting speed, rotation direction, start/stop during operation
- Features timing mode, jar filling mode, preset flow rate, real-time flow rate, external control, and other functional modes

Functions

Control method	Touch keypad
Speed resolution	Stepper: 0.1rpm Brushless: 1rpm
Display	OLED screen
Program function	Timing/Flow/Filling
External control	0-5V/0-10V/4-20mA/ MODBUS_rtu communication protocol

Technical Specifications

Pump Head	153Yx	253Yx	DGx	DT	253D
Dimension(mm)	170*195*337.8	170*195*337.8	170*195*370.4	170*195*346.4	170*195*343.5
Net Weight	3.72KG(BT/1head) 3.84KG(WT/1head)	3.72KG(BT/1head) 3.84KG(WT/1head)	4.52KG (BT/4channels) 4.64KG (WT/4channels)	3.32KG (BT/4channels)	4.09KG (WT/1head)
rpm	0-600rpm	0-600rpm	0-600rpm	0-150rpm	0-600rpm
Flow Rate	0-2135ml/min	0-3365ml/min	0-940ml/min	0-50ml/min	0-6550ml/min
Max Channels	6	6	4	12	2
Power	≤54W(BT) ≤120W(WT)	≤54W(BT) ≤120W(WT)	≤54W(BT) ≤120W(WT)	≤36W(BT)	≤120W(WT)
Motor Type	Stepper/Brushless DC reducer			Stepper	Brushless DC reducer
Power Supply	AC 100-240V,50/60HZ				
WorkEnvironment	Temperature range: 0℃ (no freezing) to 60℃, relative humidity <85%RH				
Output Pressure	≤0.17MPa				
Housing Material	ABS Fireproof				
Ingress Protection	IP31				

