



## ODM System Solution

Model NO. : F6-3L/AMC16

Flow Rate : According to customers request



### Product Introduction

Customized multichannel peristaltic pump, up to 48 channels. Please contact us for customizing.

Industry Application: Ink cartridge filling; Spray coating machine



## Technical Specifications

Flow rate range	0.0002~65.17mL/min
Speed range	0.1–150 rpm
Speed resolution	0.01 rpm
Flow rate resolution	0.01 mL
Flow rate accuracy	<±0.5%
Back suction angle	0–360°
Motor type	Closed-loop stepper motor
Display	Industrial grade 4.3" color LCD display
Control method	Touch screen and Mechanical keypad
Keypad lifetime	300,000 times
External speed control signal	0–5V, 0–10V, 4–20mA
Start/stop,direction signal	Passive switch signal, such as foot pedal switch, Active switch signal: 5V–24V
Communication interface	RS232, RS485 support MODBUS protocol (RTU mode)
Output interface	Output motor working status (Open-Collector output)
Power supply	AC 220V±10% 50Hz/60Hz (standard), AC 110V±10% 50Hz/60Hz (optional)
Drive dimension	223×152×200 mm
Drive weight	5.02kg
Power consumption	< 80W
Environment temperature	0–40°C
Relative humidity	< 80%



## ■ Flow Rate

AMC Series pump head Technical Specifications									
Channel number	1	2	3	4	5	6	8	10	12
Cartridge material	POM/PVDF								
Rollers number	10 rollers, 6 rollers								
Tubing	Speed	Flow rate of pump head with 10 rollers(mL/min)	Flow rate of pump head with 6 rollers(mL/min)	Tubing Max.Pressure(Mpa)					
				Intermittent	Continuous				
1×1	0.1~150rpm	0.0050~7.55	0.0062~9.36	0.1	0.1				
2×1		0.0183~27.52	0.0220~33.06						
2.4×0.8		0.0254~38.13	0.0319~47.81						
3×1		0.0323~48.38	0.0434~65.17						
0.13×0.86		0.0002~0.29	0.0002~0.31						
0.19×0.86		0.0003~0.44	0.0003~0.46						
0.25×0.86		0.0005~0.76	0.0005~0.80						
0.51×0.86		0.0013~2.00	0.0014~2.05						
0.89×0.86		0.0030~4.47	0.0031~4.65						
1.14×0.86		0.0061~9.16	0.0065~9.74						
1.42×0.86		0.0125~18.75	0.0142~21.28						
2.06×0.86		0.0197~29.60	0.0234~35.17						
2.79×0.86		0.0286~42.86	0.0372~55.77						