

## FCS KA-AMC Multichannel Pump Head

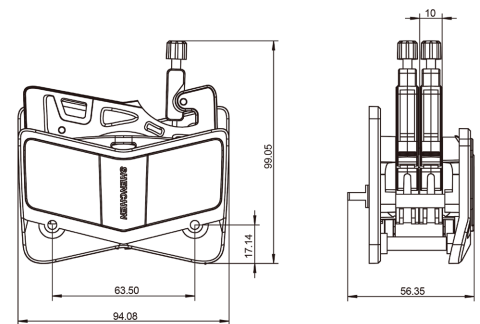


### Product Features

- Flexible positioning mechanism: Users can easily install & remove cartridges
- Flexible pressure tube designed to extend the service life of the tube
- Stepless adjustment of pressure tube gap to improve the transmission accuracy between channels
- 304 stainless steel roller assembly, two types of roller structures: 6 rollers, 10 rollers
- Multichannel, low flow rate, compact structure

### Typical Applications

- Supports blood sugar analytical devices
- Supports ammonian analytical instruments



### AMC Series Pump Head Technical Specifications

Channel Number	1	2	3	4	5	6	8	10	12
Cartridge Material	POM/PVDF								
Number of Rollers	10 rollers, 6 rollers								
Tubing	Speed	Flow Rate 10 Rollers (mL/min)	Flow Rate 6 Rollers (mL/min)	Tubing Max Pressure (Mpa)					
1x1	0.1~150rpm	0.0050~7.55	0.0062~9.36	0.1	0.1				
2x1	0.1~150rpm	0.0183~27.52	0.0220~33.06	0.1	0.1				
2.4x0.8	0.1~150rpm	0.0254~38.13	0.0319~47.81	0.1	0.1				
3x1	0.1~150rpm	0.0323~48.38	0.0434~65.17	0.1	0.1				
0.13x0.86	0.1~150rpm	0.0002~0.29	0.0002~0.31	0.1	0.1				
0.19x0.86	0.1~150rpm	0.0003~0.44	0.0003~0.46	0.1	0.1				
0.25x0.86	0.1~150rpm	0.0005~0.76	0.0005~0.80	0.1	0.1				
0.51x0.86	0.1~150rpm	0.0013~2.00	0.0014~2.05	0.1	0.1				
0.89x0.86	0.1~150rpm	0.0030~4.47	0.0031~4.65	0.1	0.1				
1.14x0.86	0.1~150rpm	0.0061~9.16	0.0065~9.74	0.1	0.1				
1.42x0.86	0.1~150rpm	0.0125~18.75	0.0142~21.28	0.1	0.1				
2.06x0.86	0.1~150rpm	0.0197~29.60	0.0234~35.17	0.1	0.1				
2.79x0.86	0.1~150rpm	0.0286~42.86	0.0372~55.77	0.1	0.1				

### Tubing Installation

1. Press the elastic lock arm mechanism to open the cartridge.
2. After the cartridge is disconnected, install the tube. The two adjacent tube stoppers determine a working position.
3. Press the cartridge to make it enter the working position.
4. Pull the pressing device together to enter the pressure tube state.
5. Installation complete.

