



Quick Load Pump Head



Model No: YZ1515x
Flow Rate :
0.07-2280mL/min

Product Features

Change the tubing easily and rapidly; automatic tubing retention; accept 9 sizes tubing to meet different flow rates requests. Two kinds of material housing for customers' selection. PSF (polysulphone material): white, exquisite appearance, good rigidity, high precision, usually used in research laboratory and supporting analytical device. PPS (polyphenylene sulfide material): black, resist organic solvent corrosion, high precision and rigidity, suitable for industry or other bad working conditions. Rollers assembly with 304 stainless steel material resists corrosion with long lifetime.

Technical Specifications

Pump Head	Tubing	ID×Wall thickness(mm)	mL/r (3rollers)	mL/r (6rollers)	Speed (rpm)	Flow Rate (mL/min)	Flow Rate (mL/min)	Material&Weight(kg)	
								PSF	PPS
YZ1515x	13#	0.8×1.6	0.07	0.048	0.1~600	0.007~42	0.0005~28.54	0.40 (3 rollers)	0.46 (3 rollers)
	14#	1.6×1.6	0.27	0.179		0.027~162	0.0015~107.14		
	19#	2.4×1.6	0.55	0.378		0.055~330	0.0305~226.72		
	16#	3.1×1.6	0.82	0.637		0.082~492	0.00525~381.93		
	25#	4.8×1.6	1.7	1.23		0.17~1020	0.0095~738.24	0.44 (6 rollers)	0.50 (6 rollers)
	17#	6.4×1.6	2.9	1.723		0.29~1740	0.0142~1034.02		
	18#	7.9×1.6	3.8	1.97		0.38~2280	0.0177~1182.18		

Tubing Installation



Mounting several pump heads can increase the flow rates

YZ Series pump head has wide application, and is usually used together with many kinds of analytical instruments. According to the different technical requests, it can adopt different motors to drive, such as stepper motor, DC motor, synchronous motor, AC gear motor, etc. Stack up several pump heads can increase the flow rates.

Dimension Drawing (Unit:mm)

