



Technical Parameters

Model No.	SR400-YZ1515X / SR400-YZ2515X
Roller	304 SST 3 roller / 6 roller
Pump head	White/Black ABS engineering plastic (PC+ABS)
Motor type	DC24V NMB Japan 57 Stepper motor
Rated current	2.3A
Rated power	55.2W
Speed range	0-500rpm
Flow rate	0-1750ml/min
Peristaltic tube	Silicone / Rubber / Viton
Fittings	Plastic Barbed Fittings
Foot pedal	Optional
Plug	CN/EU/US plug optional
Tubing No.	14# 16# 25# 17# 18# (SR400-YZ1515X) 15# 24# (SR400-YZ2515X)
Working environment	0-40°C < 80% relative humidity, non-condensing
Working Max DB	70db
Net weight	5508g (3 roller) / 5608g (6 roller)



1.8° 57 Big Stepper Motor.pdf



1.8° 57 Small Stepper Motor.pdf

Pump Structure



Flow Rate Table (only for reference) (media: water)

Peristaltic Tube	Motor speed (rpm)	Motor Type	Tube size (ID*WT: mm)	3 roller Flow rate (ml/min)	6 roller Flow rate (ml/min)
Rubber tube	0-450rpm	57 small motor	1.6*1.6 (14#)	0-113	0-88
			3.2*1.6 (16#)	0-462	0-347
	0-400rpm	57 big motor	4.8*1.6 (25#)	0-966	0-612
			6.4*1.6 (17#)	0-1447	0-804
			8.0*1.6 (18#)	0-1650	0-1332
			4.8*2.5 (#15)	0-966	0-612
Silicon tube	0-450rpm	57 small motor	1.6*1.6 (14#)	0-117	0-92
			3.2*1.6 (16#)	0-491	0-375
	0-400rpm	57 big motor	4.8*1.6 (25#)	0-1020	0-652
			6.4*1.6 (17#)	0-1494	0-848
			8.0*1.6 (18#)	0-1750	0-1426
			4.8*2.5 (#15)	0-1020	0-652
6.4*2.5 (#24)	0-1494	0-848			

Peristaltic Tube

- 1) Silicone tube works for non-corrosive liquid transfer
- 2) Rubber tube works for weak corrosive liquid transfer
- 3) Viton tube works for strong corrosive liquid transfer



Tubing Connection

- 1) A long piece of peristaltic tube equipped in pump head
- 2) Standard 18cm peristaltic tube + 2 pieces barbed fittings + external tube

Tubing Steps



Dimension (unit: mm)



SR400-YZ1515X-3B.pdf



SR400-YZ1515X-6B.pdf

Packing Info.

Carton Size: 42.5*31*28CM

G.W.: 8.0KG



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