

RH series

OI102RH
OI302RH

Medium flow intelligent high protection peristaltic pump

Product Features

- Color LCD screen displays the operating status in real time, making it easier to use.
- It has two working modes: filling and transmission.
- The shell is made of 304 stainless steel, which is solid, durable and corrosion-resistant.
- Can install YZ, DG, TX series pump heads, etc., and pump heads can be cascaded.
- Has good electromagnetic compatibility and will not be interfered by the electromagnetic environment.
- Protection level reaches IP65, suitable for humid and dusty working environment.
- When the required filling volume is unknown, filling can be performed and the required filling data can be saved.
- Start-stop control, direction control, RS485 communication, speed control (0-5V, 0-10V, 4-20mA, 0-10kHz)



Max flow : 2280mL/min

Max speed : 300rpm

Pump head flow parameter table



Flow unit:(mL/min)

Model	Pump head	Max Speed (rpm)	Tube mode:(ID*Wall thickness)mm						
			13# (0.8*1.6)	14# (1.6*1.6)	19# (2.4*1.6)	16# (3.1*1.6)	25# (4.8*1.6)	17# (6.4*1.6)	18# (7.9*1.6)
OI102RH	YZ1515x YZ15m YZ15ma	100rpm	7	27	51	82	170	290	380
OI302RH		300rpm	21	81	153	246	510	870	1140
OI102RH	TX315	100rpm	7	24	52	96	208	340	480
OI302RH		300rpm	21	72	156	288	624	1020	1440

Model	Pump head	Max Speed (rpm)	15#(4.8*2.4)	24#(6.4*2.4)
OI102RH	YZ2515x	100rpm	170	290
OI302RH		300rpm	510	870

Model	Pump head	Max Speed (rpm)	15#(4.8*2.4)	24#(6.4*2.4)	35#(7.9*2.4)	36#(9.6*2.4)
OI102RH	YZ25m YZ25ma	100rpm	170	290	380	500
OI302RH		300rpm	510	870	1140	1500

Model	Pump head	Max Speed (rpm)	Tube mode:(ID*Wall thickness)mm						
			13# (0.8*1.6)	14# (1.6*1.6)	19# (2.4*1.6)	16# (3.1*1.6)	25# (4.8*1.6)	17# (6.4*1.6)	18# (7.9*1.6)
OI102RH	LP15-6	100rpm	14	54	102	164	340	580	760
OI302RH		300rpm	42	162	306	492	1020	1740	2280

Model	Pump head	Max Speed (rpm)	14#(1.6*1.6)	16#(3.1*1.6)	25#(4.8*1.6)	17#(6.4*1.6)
OI102RH	ZN15	100rpm	27	82	170	290
OI302RH		300rpm	81	246	510	870

Model	Pump head	Max Speed (rpm)	24#(6.4*2.4)
OI102RH	ZN25	100rpm	290
OI302RH		300rpm	870

Model	Pump head	Max Speed (rpm)	0.5*0.8	1*1	2*1	3*1	2.4*0.8
OI102RH	DG	100rpm (10)	1.5	4	13	27	17
		100rpm (6)	2	6	19	36	24

Test conditions:

- 1.Flow data testing environment for room temperature 20-25 °C, relative humidity is not more than 80%, altitude is not more than 1500 meters.
- 2.The test is measured using a straight-through tube, suction range of 0.5 meters, the head is not more than 0.5 meters, the total length of the tube is not more than 1.5 meters (inlet end + outlet end + test end).

The above data is tested under normal temperature and pressure, the test hose is a silicone tube, and the test liquid is water. The data is for reference only, please refer to the actual situation.

* For specific needs, please consult Chuangrui Company.

