

# ON103C



It is used for small and medium flow transmission in hydroponics, laboratory, medical sampling, etc.

- Compact and small size for space-saving use.
- The surface of the shell adopts electrostatic anticorrosive spraying treatment, pearl white, visually beautiful, delicate touch, anticorrosive and durable. Fine, anti-corrosion and durable
- Easy operation with physical buttons for start/stop/direction/rpm control.
- Low noise and vibration during pump operation, experimental environment.
- Various pump heads such as YZ- DG- BZ series can be installed.
- Support RS485/MODBUS communication protocol, the protocol can also be customized according to user requirements.






**Max Flow : 380mL/min**

**Max speed : 100rpm**

## Pump head/hose flow parameter table:

Note: The test environment for flow data is normal temperature and pressure, and the test fluid is water. The values are for reference only, please refer to the actual situation.

Pump head	Model	Tube	ID(mm)	Wall thickness (mm)	Max flow (mL/min)	Max speed (rpm)	Applicable Pharmed tubes
	YZ1515x	13#	0.8	1.6	7	100	13#、14# 19#、16#
		14#	1.6	1.6	27	100	
		19#	2.4	1.6	51	100	
		16#	3.1	1.6	82	100	
		25#	4.8	1.6	170	100	
		17#	6.4	1.6	290	100	
		18#	7.9	1.6	380	100	
	YZ2515x	15#	4.8	2.4	170	100	Not recommended
		24#	6.4	2.4	290	100	
	DG-1(6) DG-2(6)	1*1	1	1	6	100	ID≤3mm Wall thickness: 0.8-1.0mm
		2*1	2	1	19	100	
		3*1	3	1	36	100	
		0.5*0.8	0.5	0.8	2	100	
		2.4*0.8	2.4	0.8	24	100	
	DG-1(10) DG-2(10)	1*1	1	1	4	100	ID≤3mm Wall thickness: 0.8-1.0mm
		2*1	2	1	13	100	
		3*1	3	1	27	100	
		0.5*0.8	0.5	0.8	1.5	100	
		2.4*0.8	2.4	0.8	17	100	

Pump head	Model	Tube	ID(mm)	Wall thickness (mm)	Max flow (mL/min)	Max speed (rpm)	Applicable Pharmed tubes
	YZ15S-1	13#	0.8	1.6	4.8	100	Not recommended
		14#	1.6	1.6	18	100	
		19#	2.4	1.6	38	100	
		16#	3.1	1.6	62	100	
		25#	4.8	1.6	126	100	
	YZ15S-2	13#	0.8	1.6	4.8	100	
		14#	1.6	1.6	18	100	
		19#	2.4	1.6	38	100	
		16#	3.1	1.6	62	100	
	TX215	13#	0.8	1.6	3	100	
		14#	1.6	1.6	13	100	
		19#	2.4	1.6	30	100	
		16#	3.1	1.6	46	100	
		25#	4.8	1.6	96	100	
	ZN15-14	14#	1.6	1.6	21	100	Not recommended
	ZN15-16	16#	3.1	1.6	82	100	
	ZN15-25	25#	4.8	1.6	170	100	
	ZN15-17	17#	6.4	1.6	290	100	
	ZN25-25	25#	6.4	2.4	294	100	Not recommended

\* For specific needs, please consult Chuangrui Company.