

## FC Series



It is mostly used in testing reagents, oral liquids, veterinary drugs and other pharmaceutical filling, or in chemical, food and other fields




- 3.5-inch color LCD, Chinese and English display, touch screen control
- With flow calibration function, it is suitable for transferring liquids with higher precision
- 8 sets of data can be stored for users
- It has two working modes of transmission and distribution, and can perform repeated timing and quantitative filling
- YZ series, DG series, TX series and other pump heads can be installed, and the pump heads can be cascaded
- Support RS485MODBUS communication protocol, analog control, foot switch control



Max Flow : 2280mL/min


Max speed : 600rpm


### Pump head flow parameter table


Flow unit:(mL/min)

Pump head	Model	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)
 YZ1515x   YZ15m/YZ15ma	BT100FC	100	7	27	51	82	170	290	380
	BT300FC	300	21	81	153	246	510	870	1140
	BT600FC	600	42	162	306	492	1020	1740	2280
 TX315	BT100FC	100	7	24	52	96	208	340	480
	BT300FC	300	21	72	156	288	624	1020	1440
	BT600FC	400	28	96	208	384	832	1360	1920

Pump head	Model	Max Speed (rpm)	Tube mode:(ID*Wall thickness)mm	
			15#(4.8*2.4)	24#(6.4*2.4)
 YZ2515x	BT100FC	100	170	290
	BT300FC	300	510	870
	BT600FC	600	1020	1740
 TX325	BT100FC	100	180	300
	BT300FC	300	600	980
	BT600FC	400	760	1230

Pump head	Model	Max Speed (rpm)	Tube mode:(ID*Wall thickness)mm		
			14#(1.6*1.6)	16#(3.1*1.6)	25#(4.8*1.6)
	BT100FC	100	27	82	170
	BT300FC	300	81	246	510
	BT600FC	600	162	492	1020

Pump head	Model	Max Speed (rpm)	Tube mode:(ID*Wall thickness)mm
			24#(6.4*2.4)
	BT100FC	100	290
	BT300FC	300	870
	BT600FC	600	1740

Pump head	Model	Max Speed (rpm)	Tube mode:(ID*Wall thickness)mm				
			0.5*0.8	1*1	2*1	3*1	2.4*0.8
	BT100FC	100(10)	1.5	4	13	27	17
		100(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 test environment for normal temperature and pressure, the test fluid is water, the data is for reference only, please prevail in practice.

\* For specific needs, please consult Chuangrui Company.