

M Series



Used in chemical, photovoltaic and other industries, and used in conjunction with filling machines, dispensing machines and other equipment




- Low power consumption motor, digital knob is easy to operate, long life
- Various pump heads such as YZ series, DG series and TX series can be installed
- External control, with RS485MODBUS communication protocol, analog control
- Can automatically save the control parameters when the last power failure
- Multiple calibrations can be performed to reduce flow rate errors and ensure flow accuracy
- Features a convenient full speed button for quickly filling or emptying the hose



Max Flow: 3000mL/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	BT100M	100	7	27	51	82	170	290	380
	BT300M	300	21	81	153	246	510	870	1140
	BT600M	600	42	162	306	492	1020	1740	2280
 TX315	BT100M	100	7	24	52	96	208	340	480
	BT300M	300	21	72	156	288	624	1020	1440
	BT600M	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	BT100M	100	170	290
	BT300M	300	510	870
	BT600M	600	1020	1740
 TX325	BT100M	100	180	300
	BT300M	300	600	980
	BT600M	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)
	BT100M	100	27	82	170
	BT300M	300	81	246	510
	BT600M	600	162	492	1020

Pump head	Model	Max Speed (rpm)	Tube mode:(ID*Wall thickness)mm
			24#(6.4*2.4)
	BT100M	100	290
	BT300M	300	870
	BT600M	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
	BT100M	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.