

UTF03 Smart filling system



- The main controller adopts 7-inch or 10-inch, industrial touch screen, easy to operate
- The main body adopts 304 stainless steel shell, which has high strength, corrosion resistance and easy cleaning
- The standard drive unit is 4 channels, which can be expanded up to 32 channels by stacking installation
- When receiving a bottle shortage signal, the system will stop the filling operation of the channel
- Improved system security
- It has three operation modes: internal control, external control and communication control to meet different application requirements

Typical Application: Food, beverage, pharmaceutical, chemical, biopharmaceutical and other industries

Max Flow : 12000mL/min








Max speed : 600rpm





Performance:

Filling volume	0.1mL-9999.99mL/time	Display adjustment resolution: 0.01mL
Filling time	0.1-9999.9s/time	Display adjustment resolution: 0.1s
Intervals	0.2-9999.9s/time	Display adjustment resolution: 0.1s
Filling times	0-9999 times	"0" means infinite loop
Suction angle	0-7200°	Display adjustment resolution: 1°
Suction speed	0-300rpm	Display adjustment resolution: 1rpm
Suction back delay	0s-60s	Display adjustment resolution: 0.1s
Channels	4 channels/unit (standard) 2 3 4 5 6 channels/unit (optional)	Expandable up to 32 channels

Pump head selection:

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	Hose Specifications	ID (mm)	Wall thickness (mm)	Max flow (mL/min)	Max speed (rpm)
 DG-N(6)	0.5*0.8	0.5	0.8	2	100
	1*1	1	1	6	
	2*1	2	1	19	
	2.4*0.8	2.4	0.8	24	
	3*1	3	1	36	
 DG-N(10)	0.5*0.8	0.5	0.8	1.5	
	1*1	1	1	4	
	2*1	2	1	13	
	2.4*0.8	2.4	0.8	17	
	3*1	3	1	27	
 TX315	13#	0.8	1.6	28	400
	14#	1.6	1.6	106	
	19#	2.4	1.6	227	
	16#	3.1	1.6	399	
	25#	4.8	1.6	830	
	17#	6.4	1.6	1400	
	18#	7.9	1.6	1930	
 TX325	15#	4.8	2.4	760	
	24#	6.4	2.4	1230	
 YZ1515x	13#	0.8	1.6	42	600
	14#	1.6	1.6	162	
	19#	2.4	1.6	306	
	16#	3.1	1.6	492	
	25#	4.8	1.6	1020	
	17#	6.4	1.6	1740	
	18#	7.9	1.6	2280	
 YZ2515x	15#	4.8	2.4	1020	
	24#	6.4	2.4	1740	
 LP15-6	13#	0.8	1.6	84	
	14#	1.6	1.6	324	
	19#	2.4	1.6	612	
	16#	3.1	1.6	984	
	25#	4.8	1.6	2040	
	17#	6.4	1.6	3480	
	18#	7.9	1.6	4560	

Pump head	Hose Specifications	ID (mm)	Wall thickness (mm)	Max flow (mL/min)	Max speed (rpm)
 LP25-6	2.4*2.4	2.4	2.4	0.13-455	0.1-350
	3.2*2.4	3.2	2.4	0.2-700	
	15#	4.8	2.4	0.43-1505	
	24#	6.4	2.4	0.67-2345	
	35#	7.9	2.4	0.9-3255	
 KZ25	36#	9.6	2.4	1.35-4500	0.1-600
	15#	4.8	2.4	0.3-1800	
	24#	6.4	2.4	0.5-3000	
	35#	7.9	2.4	0.7-4200	
	36#	9.6	2.4	1-6000	
 YZ35	73#	9.6	3.3	1.3-7400	0.1-600
	82#	12.7	3.3	2-12000	
 YZ35-13	73#	9.6	3.3	1.3-7400	
	82#	12.7	3.3	2-12000	

* For specific needs, please consult Chuangrui Company.