

IP66/IP67/IP68 Industrial Peristaltic Pump

Model No.: HP265

Flow Rate: 1.132-18000mL/min

IP rate: IP66/IP67/IP68



■ Product Introduction

- The pump shell protection level is IP66/IP67/IP68, special designed for industrial environment. The pump has 6 types of sealing structures, which can withstand various harsh hot and humid environments, ensure long-term stable operation of the pump.
- Intelligent control system, support transferring and dispensing function.
- 4.3 inch touch screen, easy operation, easy parameter setting and calibration.

■ Product Features

- IP66/IP67/IP68 protection rating, special designed for industrial environment.
- Intelligent control system.
- Passed EMC test Excellent anti-electromagnetic interference.
- The automatic pressure control device ensures internal and external pressure balance.
- Inside and outside of the external control interface are both circuit isolation.
- Servo motor.
- Casting shell with excellent heat dissipation performance.

■ Intelligent operation system

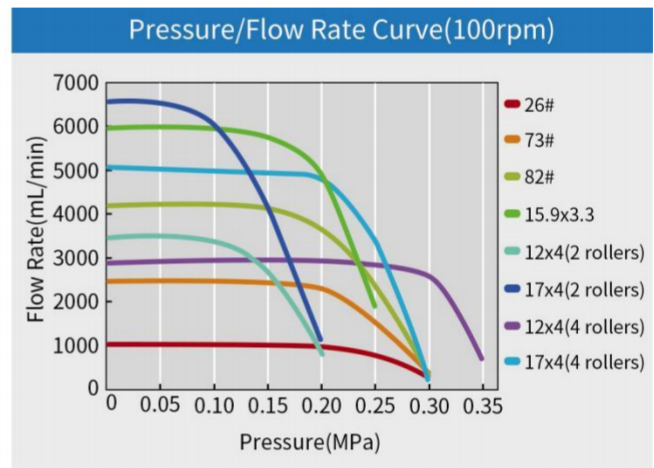
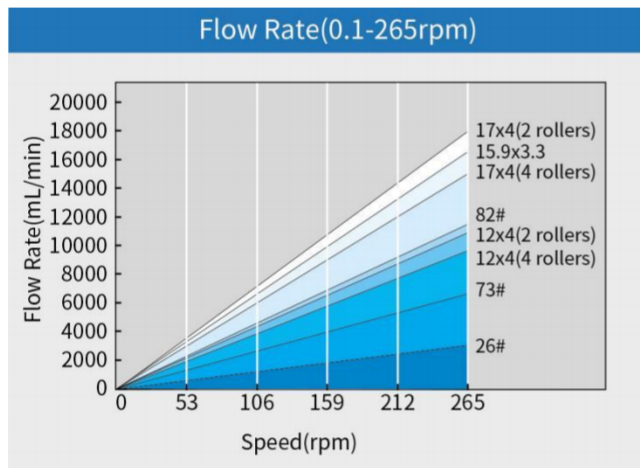


■ Pump Head & Flow Rate



UT35

UT35 Flow Rate									
Pump Head	Speed (rpm)	Rollers number	Tubing		mL/r	Flow Rate (mL/min)	Tubing Max.Pressure(Mpa)		Weight (kg)
			Size	ID×Wall Thickness(mm)			Intermittent	Continuous	
UT35(4)	0.1-265	4 rollers	12x4	12x4	34.34	3.434-9100	0.12	0.1	4.65
			17x4	17x4	55.85	5.585-14800	0.11	0.1	
2 rollers		26#	6.4x3.3	11.32	1.132-3000	0.15	0.12	3.99	
		73#	9.6x3.3	24.15	2.415-6400	0.16	0.12		
		82#	12.7x3.3	42.26	4.226-11200	0.15	0.1		
		15.9x3.3	15.9x3.3	62.75	6.275-16630	0.15	0.12		
		12x4	12x4	41.5	4.150-11000	0.15	0.12		
		17x4	17x4	67.92	6.792-18000	0.13	0.12		
UT35(2)									



UT35 Filling Volume Reference Parameter						
Pump Head	Tubing	Filling Volume (mL)	Filling Time(s)	Accuracy(±%)	Output(pcs/min)	Motor Speed (rpm)
UT35(2)	26#	150	4	1	15	197.5
	73#	300	4	0.5	15	180
	82#	500	4	0.5	15	176
	15.9x3.3	800	4	1	15	208
	12x4	500	4	0.5	15	199.5
	17x4	800	4	1	15	193.7
UT35(4)	12x4	200	2	0.5	30	203
	12x4	500	4	1	15	241.5
	17x4	800	4	1	15	220

■ Technical Specifications

tandard	IEC 60529:2013, Q/BSC01-2019
Housing material	Aluminum alloy
Speed range	0.1-265 rpm
Speed resolution	0.01 rpm
Display	4.3-inch industrial-grade true color LCD screen
Control method	Touch screen, mechanical buttons, external signal, communication
Working mode	Flow rate mode, dispensing mode
Flow rate mode	Continuous transferring according to the set flow rate or motor speed
Dispensing mode	Fixed time and volume dispensing: Set the dispensing volume, dispensing time, repeat number and pause time; Fixed volume dispensing: Set the dispensing volume, flow rate, repeat number and pause time; Speed/time dispensing: Set the motor speed (rpm), dispensing time, repeat number and pause time
Dispensing volume	0.1 mL - 9999 L
Dispensing time	0.1 s - 9999 h
Pause time	0.5 s - 9999 s
Repeat number	1-9999 times, 0 represents unlimited
Calibration function	Input actual volume and calibrate automatically
Back suction angle	0-360°
Communication	RS485, RS232
Communication protocol	Modbus protocol (RTU mode)
External control speed signal	0-5 V, 0-10 V, 4-20 mA (optional)
External control signal input	Active switch signal (5-24 V) controls start/stop, direction and full speed; Passive switch signal controls start/stop
Signal output	Open collector output working status
Lock screen function	Prevent accidental touches
Password protection function	Prevent misoperation
Drive dimension	474mm*285mm*335mm (L×W×H)
Power supply	AC110-220V±10%,50Hz/60Hz
Rated power	300 W
Relative humidity	<100%
Condition temperature	0-40 °C
IP rating	IP66/IP67/IP68
Drive weight	26kg

■ **Dimension Drawing(Unit:mm)**

