

Compact Peristaltic Pump

Model No: UT35

Flow Rate: 2.252-18000mL/min



■ Product Introduction

The new UT35 pump head is designed with efficiency and operational safety in mind. Featuring a tool-free tubing replacement design. Compatible with both continuous tubing and tubing with connectors, it offers flexible tube retention options for a wide range of application requirements.

Its adjustable roller assembly enables fine adjustment of outlet pressure while helping to extend tubing service life and reduce tubing replacement frequency. For enhanced operator safety, the UT35 is equipped with a Lid-open stop function that automatically stops operation when the pump head cover is opened, helping provide a safer and more reliable fluid transfer experience.

■ Product Features

- Two tubing loading options: continuous tubing or tube-to-fitting.
- Lid-open stop function for enhanced operating safety.
- Elastic roller assembly to extend tubing service life.
- Easy micro-adjustment of pump head pressure.

■ Technical Specifications

Flow rate range	2.252-18000mL/min
Speed range	0.1-265rpm
Housing Material	Aluminum Alloy
Tubing Clamp Material	PP
Dimension	259*173*107mm (L×W×H)
Weight	4.65kg(4 rollers)/3.99kg(2 rollers)

■ Flow Rate

Pump Head	Tubing		mL/	Speed:0.1-265mL	Tubing Max.Pressure(Mpa)		Rollers number	Weight (kg)
	Size	IDxWallThickness(mm)		Flow Rate(mL/min)	Intermittent	Continuous		
UT35(4)	12x4	12x4	34.34	3.434-9100	0.12	0.1	4	4.65
	17x4	17x4	55.85	5.585-14800	0.11	0.1	rollers	

Pump Head	Tubing		mL/	Speed:0.1-265mL	Tubing Max.Pressure(Mpa)		Rollers number	Weight (kg)
	Size	IDxWallThickness(mm)		Flow Rate(mL/min)	Intermittent	Continuous		
UT35(2)	26#	6.4x3.3	22.52	2.252-5970	0.15	0.12	2 rollers	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	5.9x3.3	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		

■ Tubing Installation Procedure

2-Roller Pump Head Tubing Installation



1. Press the locking switch to open the pump head.



2. Install the upper and lower tube clamps.



3. Install the tubing into the pump head and place it smoothly into the corresponding tube clamps.



4. Rotate the roller assembly and move the rollers into the working position using the lever.



5. Close the pump head housing to complete the tubing installation.

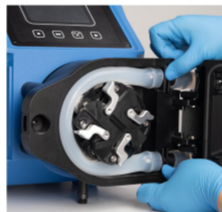
4-Roller Pump Head Tubing Installation



1. Built-in Tubing Assembly



2. Press the locking switch to open the pump head.



3. Install the built-in tube assembly into the pump head and press the tube connectors into the corresponding grooves.



4. Rotate the roller assembly and move the rollers into the working position using the lever.



5. Close the pump head housing to complete the tubing installation.

■ Dimension Drawing (Unit:mm)

