

Compact Peristaltic Pump

Model No: LabQ

Flow Rate: 0.0033-326.55mL/min



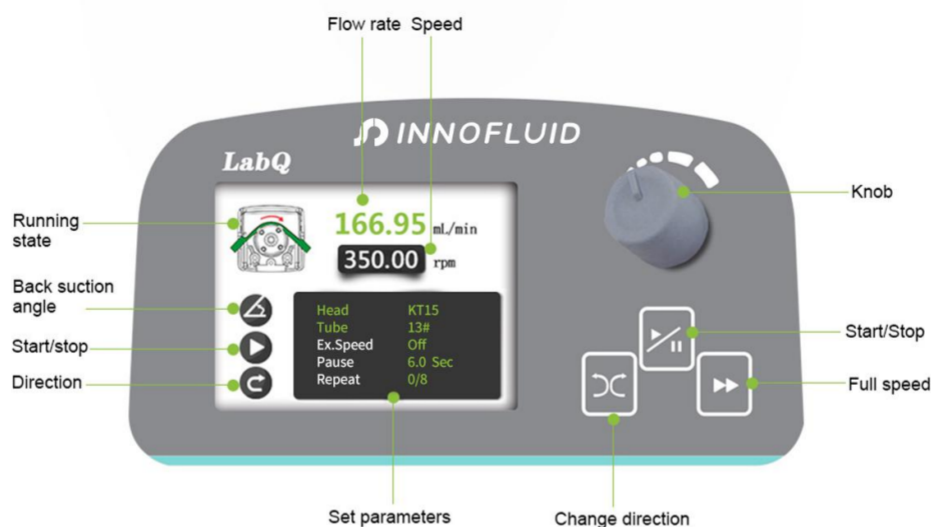
■ Product Introduction

LabQ with ABS engineering plastic housing, 2.4 inch LCD display; small and compact, low power and ultra-silence. The digitalknob is convenient for speed regulation and easy to operate. Multiple external control modes are optional, support RS485communication, standard MODBUS protocol (RTU mode). Meetcomplex work environment with the super anti-interferenceand wide voltage design.

■ Product Features

- 2.4 inch true color LCD screen display.
- Super silent drive setting, precise control, low vibration and low noise.
- Mechanical keypad control, menu interface, convenient for users setting the parameters.
- Digital rotary knob is convenient for speed regulation and easy to operate.
- Various external control functions, support 0-5V, 0-10V, 4-20mA analog signals control speed.
- Power down memory function, store parameters in time, safe and reliable.
- Strong anti-jamming feature, wide voltage design, suitable for complex working environment.
- Fast fluid-filled function, not only can clean the tubing, but also fill liquid into the tubing.
- Multi-Cycle Timed Dispensing.

Control Panel



Technical Specifications

Speed range	0.1-350rpm
Speed resolution	0.1rpm
Control method	Mechanical keypad and Knob speed
Display	2.4 inch LCD screen
Dispensing time	0.1s-9999h
Pause time	0.1s-9999h
Repeat number	1-9999 times, setting "0" as infinite/continuous dispensing
External speed control signal	0-5V, 0-10V, 4-20mA
Output interface	Open-collector output
Relative humidity	<80%
Power consumption	<30W
Power supply	Output:(24V/1.25A),Input:AC100V-240V, 50Hz/60Hz
Communication interface	RS485 support Modbus protocol (RTU mode)
Dimension(L*W*H)	188*128*135mm
Weight	1.1kg
Start/stop, reversing signal	Switch signal(The default is passive signal, a active signal is optional)
Temperature	0-40°C
IP rate	IP31

Model	Channel number	Tubing size	ID*Wall Thickness (mm)	mL/r	(0.1-350rpm) Flow rate(mL/min)	Weight(kg)
LabQ-KT15	Single channel	13#	0.8x1.6	0.033	0.0033-11.55	1.1
		14#	1.6x1.6	0.156	0.0156-54.60	
		19#	2.4x1.6	0.286	0.0286-100.10	
		16#	3.2x1.6	0.477	0.0477-166.95	
		25#	4.8x1.6	0.933	0.0933-326.55	

■ Dimension Drawing (Unit:mm)

