Compact Peristaltic Pump

LabQ **3 years warranty**

Product Introduction

LabQ with ABS engineering plastic housing, 2.4 inch LCD display; small and compact, low power and ultra-silence.

The digital knob is convenient for speed regulation and easy to operate.

Multiple external control modes are optional, support RS485 communication, standard MODBUS protocol (RTU mode).

Meet complex work environment with the super anti-interference and wide voltage design.

Product Features

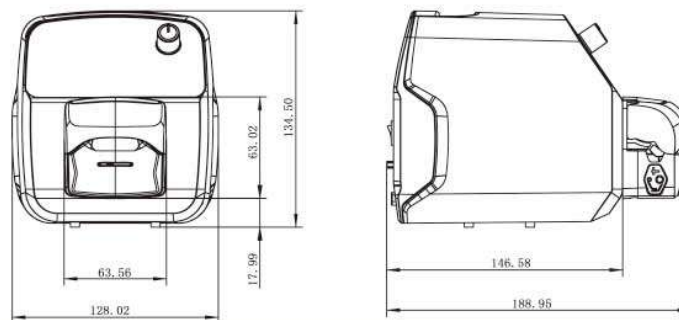Flow rate and motor speed display in the same screen.

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.

Dimension Drawing (Unit: mm)

Technical Specifications

Flow rate range	0.0033-326.55mL/min	Start/stop, reversing signal	Switch signal(The default is passive signal, active signal is optional)
Speed range	0.1-350rpm		
Speed resolution	0.1rpm	Communication interface	RS485, (MODBUS protocol, RTU mode)
Control method	Digital knob control and mechanical keypad		
Display	2.4 inch LCD screen	Dimension	188*128*135mm(L×W×H)
External speed control signal	0-5V, 0-10V, 4-20mA	Weight	1.1kg
Output interface	Open-Collector output	Power consumption	<30W
Power supply	Output: 24V/1.25A	Temperature	0-40℃
	Input: AC100V-240V, 50Hz/60Hz	Relative humidity	<80%

Product Composition and Flow Rate Range

Model	Channel number	Tubing	ID×Wall thickness(mm)	mL / r	Speed(rpm)	Flow Rate(mL/min)	Weight(kg)
LabQ/KT15	Single channel	13#	0.8×1.6	0.033	0.1~350	0.0033~11.55	1.1
		14#	1.6×1.6	0.156		0.0156~54.60	
		19#	2.4×1.6	0.286		0.0286~100.10	
		16#	3.1×1.6	0.477		0.0477~166.95	
		25#	4.8×1.6	0.933		0.0933~326.55	