



## PERISTALTIC PUMP

## PERISTALTIC PUMP LPP-100 SERIES

Labocon Peristaltic Pump LPP-100 Series are high precision pumps with low or medium flow rate featuring automatic or manual speed control. It is equipped with dual CPU control system that separates the drive and helps in quick and stable operation. It is compact with easy to use feature and does not contaminate the fluid during operation. It provides flexible solutions for a variety of demanding applications from low flow lab pumps to high flow industrial pumps for dispensing, filling, metering, dosing, sampling and transferring applications.

## FEATURES

- ▶ Easy to use touch keypad
- ▶ One touch tube refilling feature makes refilling easier
- ▶ Automatic 60 seconds test timer
- ▶ Dual CPU control system separates the drive and control
- ▶ Three-digit LED display
- ▶ External start-stop, direction change and speed control mode available
- ▶ External control signal of 0-5 V, 0-10 V, 4-20 mA can be detected
- ▶ High torque, power saving system
- ▶ Data can be stored and recovered on power or system failure
- ▶ Multiple pump heads can be attached to meet different applications in the same pump

## APPLICATION

Labocon Peristaltic Pump can be used for dispensing, transferring, filling, dosing and sampling various types of fluids in pharmaceutical, chemical industries, medical and research laboratories.

## SPECIFICATION

Model	LPP-101	LPP-102	LPP-103
Flow Rate	0.035~570ml/min	0.035~1330ml/min	0.035~2280ml/min
Speed	1-150 rpm, reversible	1-300 rpm, reversible	1-600 rpm, reversible
Speed Precision	0.1rpm		
SpeedControl	0-5V, 0-10V, 4-20mA (Optional)		
Operating Temp.	0-40 C°		
Operating Humidity	< 80%		
Display	3-digit LED		
Interface	RS232		
Dimension	180x130x190mm		210x130x190mm
Power	<22 W	<35 W	
Power Supply	220 V, 60Hz		
Weight	3.98 kg	4.3 kg	3.98 kg
Catalog No.	9205101471	9205102471	9205103471

## ACCESSORIES

For Model	Model No.	Flow Rate	Pressure	Channels	Tubing Inner Diameter	Tubing Wall Thickness
LPP-101	LPH-101	0.024-36 ml/min	0.25/0.15 Pa	1-4	1.6 mm	1.6 mm
	LPH-102	0.088-132 ml/min	0.25/0.15 Pa	1-4	3.1 mm	
	LPH-103	0.25-375 ml/min	0.28/0.18 Pa	1-2	6.4 mm	
	LPH-104	0.007-570 ml/min	0.25/0.15 Pa	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm	
	LPH-105			2		
	LPH-106			3		
	LPH-107			4		
	LPH-108	0.017-435 ml/min	0.28/0.18 Pa	1	4.8, 6.4 mm	2.4 mm
	LPH-109			2		
	LPH-110			3		
	LPH-111			4		
	LPH-112	0.000067-32 ml/min suggested motor speed ≤150rpm	0.1/0.1 Pa	1	0.5x0.8, 1x1, 2x1, 2.4x0.8, 3x1	0.8, 1 mm
	LPH-113			2		
	LPH-114			3		
	LPH-115			4		
	LPH-116			5		
	LPH-117			6		
	LPH-118			8		
	LPH-119			12		
	LPH-120			24		
	LPH-121	0.00042-45 ml/min suggestion motor speed ≤50rpm		1		
	LPH-122			2		
	LPH-123			3		
	LPH-124			4		
	LPH-125			5		
	LPH-126			6		
	LPH-127			8		
	LPH-128			12		
	LPH-129			24		

## ACCESSORIES

For Model	Model No.	Flow Rate	Pressure	Channels	Tubing Inner Diameter	Tubing Wall Thickness
LPP-102	LPH-130	0.035-1330 ml/min	0.25/0.15 Pa	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm	1.6 mm
	LPH-131			2		
	LPH-132	0.085-1015 ml/min	0.28/0.18 Pa	1	4.8, 6.4 mm	2.4 mm
	LPH-133			2		
	LPH-134	0.12-84 ml/min	0.25/0.15 Pa	1-4	1.6 mm	1.6 mm
	LPH-135	0.44-308 ml/min			3.1 mm	
	LPH-136	0.2-875 ml/min	0.28/0.18 Pa	1-2	6.4 mm	
	LPH-137	0.00034-32 ml/min suggestion motor speed ≤150rpm	0.1/0.1 Pa	4	0.5x0.8, 1x1, 2x1, 2.4x0.8	0.8, 1 mm
	LPH-138			6		
	LPH-139	0.00042-45 ml/min suggestion motor speed ≤150rpm		4		
	LPH-140			6		
	LPP-103	LPH-141	0.035-2280 ml/min	0.25/0.15 Pa	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm
LPH-142		2				
LPH-143		3				
LPH-144		4				
LPH-145		0.035-1740 ml/min	0.28/0.18 Pa	1	4.8, 6.4 mm	2.4 mm
LPH-146				2		
LPH-147				3		
LPH-148				4		
LPH-149		0.12-144 ml/min	0.25/0.15 Pa	1-4	1.6 mm	1.6 mm
LPH-150		0.44-528 ml/min			3.1 mm	
LPH-151		0.2-1500 ml/min	0.28/0.18 Pa	1-2	6.4 mm	

## PERISTALTIC PUMP LPP-200 SERIES

Labocon Peristaltic Pump LPP-200 Series are high precision pumps with low or medium flow rate featuring automatic or manual speed control. It is equipped with dual CPU control system that separates the drive and helps in quick and stable operation. It is compact with easy to use feature and does not contaminate the fluid during operation. It provides flexible solutions for a variety of demanding applications from low flow lab pumps to high flow industrial pumps for dispensing, filling, metering, dosing, sampling and transferring applications.

## FEATURES

- ▶ Stainless steel 304 anti-corrosion coating
- ▶ Touch screen and membrane keypad controller
- ▶ LCD display with colour which displays flow volume and motor speed simultaneously
- ▶ Efficient calibration function which can calibrate flow rate and dispensing volume accurately
- ▶ Flow rate can be adjusted during production by micro adjust function which in turn helps to decrease the errors caused by tubing fatigue and elasticity.
- ▶ Highly accurate angle control technology gives high precision metering and dispensing
- ▶ Efficient and quick fluid-filling technique can be used for both washing and fluid-filling of the tube
- ▶ Fixed volume measurement function and fixed time and volume function for ease of use
- ▶ Automatic timer function
- ▶ High torque, power saving system
- ▶ Multiple pump heads can be attached to use different applications in the same pump
- ▶ External start-stop, direction change and speed control mode available
- ▶ External control signal of 0-5 V, 0-10 V, 4-20 mA can be detected
- ▶ Data can be stored and recovered on power or system failure

## APPLICATION

Labocon Peristaltic Pump can be used for dispensing, transferring, filling, dosing and sampling various types of fluids. It can be used in pharmaceutical, chemical industries, also in medical and research laboratories.

## SPECIFICATION

Model	LPP-201	LPP-202	LPP-203
Flow Rate	0.000067-570 ml/min	0.000067-1330 ml/min	0.000067-2280 ml/min
Speed	0.1-150 rpm	0.1-350 rpm	0.1-600 rpm
Speed Precision	0.1rpm		
Speed Control	0-5V, 0-10V, 4-20mA (Optional)		
Operating Temp.	0-40 C°		
Operating Humidity	< 80%		
Display	4.3 inch LCD display with colour		
Interface	RS232, RS485 support		
Dimension	213x152x235 mm		
Power	<40 W	<50 W	
Power Supply	220 V, 60Hz		
Weight	5.02 kg		
Catalog No.	9205104471		9205106471



## ACCESSORIES

For Model	Model No.	Flow Rate	Pressure	Channels	Tubing Inner Diameter	Tubing Wall Thickness
LPP-201	LPH-152	0.007-570 ml/min	0.25/0.15 Pa	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm	1.6 mm
	LPH-153			2		
	LPH-154			3		
	LPH-155			4		
	LPH-156	0.017-435 ml/min	0.28/0.18	1	4.8, 6.4 mm	2.4 mm
	LPH-157			2		
	LPH-158			3		
	LPH-159			4		
	LPH-160	0.000067-32 ml/min suggestion motor speed $\leq 150$ rpm	0.1/0.1	1	0.5x0.8, 1x1, 2x1, 2.4x0.8, 3x1	0.8, 1 mm
	LPH-161			2		
	LPH-162			3		
	LPH-163			4		
	LPH-164			5		
	LPH-165			6		
	LPH-166			8		
	LPH-167			12		
	LPH-168			24		
	LPH-169	0.00008-45 ml/min suggestion motor speed $\leq 150$ rpm	0.1/0.1	1		
	LPH-170			2		
	LPH-171			3		
	LPH-172			4		
	LPH-173			5		
	LPH-174			6		
	LPH-175			8		
	LPH-176			12		
	LPH-177			24		
	LPH-178	0.024-36 ml/min	0.25/0.15	1-4	1.6 mm	1.6 mm
	LPH-179	0.088-132 ml/min			3.1 mm	
	LPH-180	0.25-375 ml/min	0.28/0.18	1-4	6.4 mm	



## ACCESSORIES

For Model	Model No.	Flow Rate	Pressure	Channels	Tubing Inner Diameter	Tubing Wall Thickness
LPP-202	LPH-181	0.007-1330 ml/min	0.25/0.15	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm	1.6 mm
	LPH-182			2		
	LPH-183	0.017-1015 ml/min	0.28/0.18	1	4.8, 6.4 mm	2.4 mm
	LPH-184			2		
	LPH-185	0.024-84 ml/min	0.25/0.15	1-4	1.6 mm	1.6 mm
	LPH-186	0.088-308 ml/min			3.1 mm	
	LPH-187	0.25-875 ml/min	0.28/0.18	1-4	6.4 mm	
	LPH-188	0.000067-32 ml/min suggestion motor speed ≤150rpm	0.1/0.1	4	0.5x0.8, 1x1, 2x1, 2.4x0.8	0.8, 1 mm
	LPH-189			6		
	LPH-190	0.00008-45 ml/min suggestion motor speed ≤150rpm		4		
	LPH-191			6		
LPP-203	LPH-192	0.007-2280 ml/min	0.25/0.15	1	1	1.6 mm
	LPH-193			2	2	
	LPH-194	0.017-1740 ml/min	0.28/0.18	1	1	2.4 mm
	LPH-195			2	2	
	LPH-196	0.024-144 ml/min	0.25/0.15	1-4	1-4	1.6 mm
	LPH-197	0.088-528 ml/min			3.1 mm	
	LPH-198	0.25-1500 ml/min	0.28/0.18	1-4	6.4 mm	
	LPH-199	0.000067-32 ml/min suggestion motor speed ≤150rpm	0.1/0.1	4	0.5x0.8, 1x1, 2x1, 2.4x0.8	0.8, 1 mm
	LPH-200			6		
	LPH-201	0.00008-45 ml/min suggestion motor speed ≤150rpm		4		
	LPH-202					

## PERISTALTIC PUMP LPP-300 SERIES

Labocon Peristaltic Pump LPP-300 Series are high precision pumps with low or medium flow rate featuring automatic or manual speed control. It is equipped with dual CPU control system that separates the drive and helps in quick and stable operation. It is compact with easy to use feature and does not contaminate the fluid during operation. It provides flexible solutions for a variety of demanding applications from low flow lab pumps to high flow industrial pumps for dispensing, filling, metering, dosing, sampling and transferring applications.

## FEATURES

- ▶ Stainless steel 304 anti-corrosion coating
- ▶ Colour touch-screen display helps to monitor filling parameter and system settings
- ▶ Intelligent calibration function can calibrate flow rate and dispensing volume accurately
- ▶ Flow rate can be adjusted during production by micro adjust function which in turn helps to decrease the errors caused by tubing fatigue and elasticity
- ▶ Accurate angle control technology helps to achieve high precision filling
- ▶ Back suction angle setting reduces liquid spillage on halting of the pump
- ▶ Filling system is designed with 60 commonly used filling modes to reduce setting time and enhance working efficiency
- ▶ Safety alarm ensures safe operation
- ▶ External start-stop control function and stop signal control when the bottle is missing increases accuracy and reduces spillage
- ▶ Efficient and quick fluid-filling technique can be used for both washing and fluid-filling of the tube
- ▶ Multiple pump heads can be attached to use different applications in the same pump

## APPLICATION

Labocon Peristaltic Pump can be used for dispensing, transferring, filling, dosing and sampling various types of fluids. It can be used in pharmaceutical, chemical industries, also in medical and research laboratories.

## SPECIFICATION

Model	LPP-301	LPP-302	LPP-303
Flow Rate	0.07-900 ml/min	0.07-2100 ml/min	0.07-2280 ml/min
Speed	1-150 rpm	1-350 rpm	1-600 rpm
Speed Precision	0.1 rpm		
Speed Control	0-5V, 0-10V, 4-20mA (Optional)		
Operating Temp.	0-40 C°		
Operating Humidity	< 80%		
Display	Touch Screen (Coloured)		
Interface			
Dimension			213x152x235 mm
Power			<50 W
Power Supply	220 V, 60 Hz		
Weight			5.02 kg
Catalog No.	9205107471	9205108471	9205109471

## ACCESSORIES

For Model	Model No.	Flow Rate	Pressure	Channels	Tubing Inner Diameter	Tubing Wall Thickness
LPP-301	LPH-203	0.007-570 ml/min	0.25/0.15 Pa	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm	1.6 mm
	LPH-204			2		
	LPH-205			3		
	LPH-206			4		
	LPH-207	0.017-435 ml/min	0.28/0.18 Pa	1	4.8, 6.4 mm	2.4 mm
	LPH-208			2		
	LPH-209			3		
	LPH-210			4		
	LPH-211	0.000067-32 ml/min suggestion motor speed $\leq 150$ rpm	0.1/0.1 Pa	1	0.5x0.8, 1x1, 2x1, 2.4x0.8, 3x1	0.8, 1 mm
	LPH-212			2		
	LPH-213			3		
	LPH-214			4		
	LPH-215			5		
	LPH-216			6		
	LPH-217			8		
	LPH-218			12		
	LPH-219			24		
	LPH-220	0.00008-45 ml/min suggestion motor speed $\leq 150$ rpm	0.1/0.1 Pa	1		
	LPH-221			2		
	LPH-222			3		
	LPH-223			4		
	LPH-224			5		
	LPH-225			6		
	LPH-226			8		
	LPH-227			12		
	LPH-228			24		
	LPH-229	0.024-36 ml/min	0.25/0.15	1-4	1.6 mm	1.6 mm
	LPH-230	0.088-132 ml/min			3.1 mm	
	LPH-231	0.25-375 ml/min	0.28/0.18	1-4	6.4 mm	

## ACCESSORIES

For Model	Model No.	Flow Rate	Pressure	Channels	Tubing Inner Diameter	Tubing Wall Thickness
LPP-302	LPH-232	0.007-1330 ml/min	0.25/0.15	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm	1.6 mm
	LPH-233			2		
	LPH-234	0.017-1015 ml/min	0.28/0.18	1	4.8, 6.4 mm	2.4 mm
	LPH-235			2		
	LPH-236	0.024-84 ml/min	0.25/0.15	1-4	1.6 mm	1.6 mm
	LPH-237	0.088-308 ml/min			3.1 mm	
	LPH-238	0.25-875 ml/min	0.28/0.18	1-4	6.4 mm	
	LPH-239	0.000067-32 ml/min suggestion motor speed $\leq 150$ rpm	0.1/0.1	4	0.5x0.8, 1x1, 2x1, 2.4x0.8	0.8, 1 mm
	LPH-240			6		
	LPH-241	0.00008-45 ml/min suggestion motor speed $\leq 150$ rpm		4		
	LPH-242			6		
LPP-303	LPH-243	0.007-2280 ml/min	0.25/0.15	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm	1.6 mm
	LPH-244			2		
	LPH-245			3		
	LPH-246			4		
	LPH-247	0.017-1740 ml/min	0.28/0.18	1	4.8, 6.4 mm	2.4 mm
	LPH-248			2		
	LPH-249			3		
	LPH-250			4		
	LPH-251	0.024-144 ml/min	0.25/0.15	1-4	1.6 mm	1.6 mm
	LPH-252	0.088-528 ml/min			3.1 mm	
	LPH-253	0.25-1500 ml/min	0.28/0.18	1-4	6.4 mm	

## PERISTALTIC PUMP LPP-400 SERIES

Labocon Peristaltic Pump LPP-400 Series are high precision pumps with low or medium flow rate featuring automatic or manual speed control. It is compact with easy to use feature and does not contaminate the fluid during operation. It provides flexible solutions for a variety of demanding applications from low flow lab pumps to high flow industrial pumps for dispensing, filling, metering, dosing, sampling and transferring applications.

## FEATURES

- ▶ Stainless steel 304 anti-corrosion coating, seamless welding technology avoids accidental spillage on internal circuit
- ▶ Triple protection paint protects the circuit board from dust, moisture and static also resists corrosion
- ▶ Pump head material made up of aluminium alloy; Roller material made up of stainless steel 304 material
- ▶ Motor: Servo motor system with control precision reduces vibration and noise
- ▶ Intelligent rotary encoded switch controls speed automatically
- ▶ External start-stop, direction change and speed control mode available. External control signal of 0-5 V, 0-10 V and 4-20 mA can be detected
- ▶ Data can be stored and recovered on power or system failure
- ▶ Wide voltage design with strong anti-jamming feature enables the system for complex power supply
- ▶ Multiple pump heads can be attached to meet different applications in the same pump

## APPLICATION

Labocon Peristaltic Pump can be used for dispensing, transferring, filling, dosing and sampling various types of fluids. It can be used in pharmaceutical, chemical industries, also in medical and research laboratories.

## SPECIFICATION

Model	LPP-401	LPP-402		LPP-403	LPP-404
Flow Rate	0.21l-3600 ml/ min	0.3-6000 ml/min		1.23-12000 ml/ min	1.23-12000 ml/ min
Speed	0.1-600 rpm				
Speed Precision	0.1 rpm				
Speed Control	0-5V, 0-10V, 4-20mA (Optional)				
Operating Temp.	0-40 C°				
Operating Humidity	< 80%				
Display					
Interface	RS232, RS485				
Dimension	223x152x168 mm		283x192x218 mm	302x223x275 mm	
Power	< 180 W			< 300 W	
Power Supply	220 V, 60Hz				
Weight	5.05 kg		7.85 kg	13.16 kg	
Catalog No.	9205110471		9205111471	9205112471	9205113471

## ACCESSORIES

For Model	Model No.	Flow Rate	Pressure	Channels	Tubing Inner Diameter	Tubing Wall Thickness
LPP-401	LPH-254	0.2-3600 ml/min	0.14/0.24 Pa	1	4.8, 6.4, 7.9, 9.6 mm	2.4 mm
LPP-402	LPH-255	0.3-6000 ml/min				
LPP-403	LPH-256	1.2-12000 ml/min	0.2/0.27 Pa	1	9.6, 12.7 mm	3.3 mm
LPP-404	LPH-257	1.2-12000 ml/min				



## PERISTALTIC PUMP LPP-500 SERIES

Labocon Peristaltic Pump LPP-500 Series are high precision pumps with low or medium flow rate featuring automatic or manual speed control. It is compact with easy to use feature and does not contaminate the fluid during operation. It provides flexible solutions for a variety of demanding applications from low flow lab pumps to high flow industrial pumps for dispensing, filling, metering, dosing, sampling and transferring applications.

## FEATURES

- ▶ Stainless steel 304 anti-corrosion coating, seamless welding technology avoids accidental spillage on internal circuit
- ▶ Triple protection paint protects the circuit board from dust, moisture and static also resists corrosion
- ▶ Pump head material made up of aluminium alloy; Roller material made up of stainless steel 304 material
- ▶ Coloured LCD, highly durable, scratch proof, highly sensitive touch screen with 4.3 inch display screen which displays working state, flow rate, rotation speed and other settings simultaneously
- ▶ Highly efficient calibration function which calibrates the flow rate or dispensing volume accurately
- ▶ Especially designed to calibrate high precision transferring liquid
- ▶ Fixed volume measurement function measures the liquid volume automatically and stops at a set value. The flow rate can be adjusted accordingly during the process. This feature is highly suitable for laboratory liquid dosing and for chemical reaction process
- ▶ Fixed time and volume function transfers fixed volume of liquid within set time
- ▶ Flow rate can be adjusted during production by micro adjust function which in turn helps to decrease the errors caused by tubing fatigue and elasticity
- ▶ Efficient and quick fluid-filling technique can be used for both washing and fluid-filling of the tube
- ▶ Automatic temperature control system helps in eliminating fan noise effectively
- ▶ Highly accurate angle control technology which gives high precision metering and dispensing
- ▶ Motor drive with control precision, low vibration and low noise features
- ▶ External start-stop, direction change and speed control mode available. External control signal of 5 V, 12 V and 24 V can be detected
- ▶ Data can be stored and recovered on power or system failure
- ▶ Wide voltage design with strong anti-jamming feature enables the system for complex power supply
- ▶ Multiple pump heads can be attached to meet different applications in the same pump

## APPLICATION

Labocon Peristaltic Pump can be used for dispensing, transferring, filling, dosing and sampling various types of fluids. It can be used in pharmaceutical, chemical industries, also in medical and research laboratories.

## SPECIFICATION

Model	LPP-501	LPP-502	LPP-503	LPP-504
Flow Rate	0.2-3600 ml/ min	0.3-6000 ml/ min	1.2-12000 ml/min	1.2-12000 ml/min
Speed	0.1-600 rpm			
Speed Precision	0.1 rpm			
Speed Control	0-5V, 0-10V, 4-20mA (Optional)			
Operating Temp.	0-40 C°			
Operating Humidity	< 80%			
Display	4.3 inch LCD display			
Interface	RS232, RS485 support MODBUS protocol (RTU mode)			
Dimension		283x192x218 mm	302x223x275 mm	
Power		< 180 W		
Power Supply	220 V, 60Hz			
Weight		8.05 kg	13.54 kg	
Catalog No.	9205114471	9205115471	9205116471	9205117471

## ACCESSORIES

For Model	Model No.	Flow Rate	Pressure	Channels	Tubing Inner Diameter	Tubing Wall Thickness
LPP-501	LPH-258	0.2-3600 ml/min	0.14/0.24 Pa	1	4.8, 6.4, 7.9, 9.6 mm	2.4 mm
LPP-502	LPH-259	0.3-6000 ml/min				
LPP-503	LPH-260	1.2-12000 ml/min	0.2/0.27 Pa	1	9.6, 12.7 mm	3.3 mm
LPP-504	LPH-261	1.2-12000 ml/min				

## PERISTALTIC PUMP LPP-600 SERIES

Labocon Peristaltic Pump LPP-600 Series are high precision pumps with low or medium flow rate featuring automatic or manual speed control. It is compact with easy to use feature and does not contaminate the fluid during operation. It provides flexible solutions for a variety of demanding applications from low flow lab pumps to high flow industrial pumps for dispensing, filling, metering, dosing, sampling and transferring applications.

## FEATURES

- ▶ Stainless steel 304 anti-corrosion coating, seamless welding technology avoids accidental spillage on internal circuit
- ▶ Triple protection paint protects the circuit board from dust, moisture and static also resists corrosion
- ▶ Pump head material made up of aluminium alloy; Roller material made up of stainless steel 304 material
- ▶ Coloured LCD, highly durable, scratch proof, highly sensitive touch screen with 4.3 inch display screen which displays working state, flow rate, rotation speed and other settings simultaneously
- ▶ Highly efficient calibration function which calibrates the flow rate or dispensing volume accurately. Especially designed to calibrate high precision transferring liquid
- ▶ Efficient and quick fluid-filling technique, which can be used for both washing and fluid-filling of the tube
- ▶ Flow rate can be adjusted during production by micro adjust function which in turn helps to decrease the errors caused by tubing fatigue and elasticity.
- ▶ Filling system is designed with 60 commonly used filling modes to reduce setting time and enhance working efficiency
- ▶ Back suction angle setting reduces liquid spillage on halting of the pump
- ▶ Automatic temperature control system helps in eliminating fan noise effectively
- ▶ Motor drive with control precision, low vibration and low noise features
- ▶ External start-stop, direction change and speed control mode available. External control signal of 5 V, 12 V and 24 V can be detected
- ▶ Data can be stored and recovered on power or system failure
- ▶ Wide voltage design with strong anti-jamming feature enables the system for complex power supply
- ▶ Multiple pump heads can be attached to meet different applications in the same pump

## APPLICATION

Labocon Peristaltic Pump can be used for dispensing, transferring, filling, dosing and sampling various types of fluids. It can be used in pharmaceutical, chemical industries, also in medical and research laboratories.

## SPECIFICATION

Model	LPP-601	LPP-602	LPP-603	LPP-604
Flow Rate	0.2-3600 ml/min	0.3-6000 ml/min	1.2-12000 ml/min	1.2-12000 ml/min
Speed	1-600 rpm			
Speed Precision	0.001 rpm			
SpeedControl	5 V, 12 V, 24 V (Optional)			
Operating Temp.	0-40 C°			
Operating Humidity	< 80%			
Display	4.3 inch LCD display			
Interface	RS232, RS485 support MODBUS protocol (RTU mode)			
Dimension		283x192x218 mm	302x223x275 mm	
Power		< 180 W	< 300 W	
Power Supply	220 V, 60Hz			
Weight		8.05 kg	13.54 kg	
Catalog No.	9205118471	9205119471	9205120471	9205121471

## ACCESSORIES

For Model	Model No.	Flow Rate	Pressure	Channels	Tubing Inner Diameter	Tubing Wall Thickness
LPP-601	LPH-262	0.2-3600 ml/min	0.14/0.24 Pa	1	4.8, 6.4, 7.9, 9.6 mm	2.4 mm
LPP-602	LPH-263	0.3-6000 ml/min				
LPP-603	LPH-264	1.2-12000 ml/min	0.2/0.27 Pa	1	9.6, 12.7 mm	3.3 mm
LPP-604	LPH-265	1.2-12000 ml/min				

## PERISTALTIC PUMP LPP-700 SERIES

Labocon Peristaltic Pump LPP-700 Series are high precision pumps with low or medium flow rate featuring automatic or manual speed control. It is compact with easy to use feature and does not contaminate the fluid during operation. It provides flexible solutions for a variety of demanding applications from low flow lab pumps to high flow industrial pumps for dispensing, filling, metering, dosing, sampling and transferring applications.

## FEATURES

- ▶ 128x64 graphic LCD display screen which displays working state, flow rate and motor rotation speed simultaneously
- ▶ High speed keypad to which performs the desired functions appropriately
- ▶ Highly efficient calibration function which calibrates the flow rate or dispensing volume accurately. Especially designed to calibrate high precision transferring liquid
- ▶ External start-stop, direction change and speed control mode available. External control signal of 0-5 V, 0-10 V, 4-20 mA can be detected
- ▶ Data can be stored and recovered on power or system failure
- ▶ High torque and low power loss enables the pump to connect with several pump heads in series or install multichannel pump heads to utilize variety of application settings
- ▶ Pulse rotary encoded switch for speed control. It ensures high accuracy during fluid transfer
- ▶ Multiple pump heads can be attached to meet different applications in the same pump

## APPLICATION

Labocon Peristaltic Pump can be used for dispensing, transferring, filling, dosing and sampling various types of fluids. It can be used in pharmaceutical, chemical industries, also in medical and research laboratories.

## SPECIFICATION

Model	LPP-701	LPP-702
Flow Rate	0.07-380 ml/min	0.06-1140 ml/min
Speed	1-150 rpm, reversible	1-350 rpm, reversible
Speed Precision	0.1 rpm	
Speed Control	0-5V, 0-10V, 4-20mA (Optional)	
Operating Temp.	0-40°C	
Operating Humidity	< 80%	
Display	LCD	
Interface		
Dimension	210x150x235 mm	
Power	<50 W	
Power Supply	220 V, 60Hz	
Weight	4.70 kg	
Catalog No.	9205122471	9205123471

## ACCESSORIES

For Model	Model No.	Flow Rate	Pressure	Channels	Tubing Inner Diameter	Tubing Wall Thickness
LPP-701	LPH-266	0.07-380 ml/min	0.25/0.15 Pa	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm	1.6 mm
	LPH-267			2		
	LPH-268			3		
	LPH-269			4		
	LPH-270	0.17-290 ml/min	0.28/0.18 Pa	1	4.8, 6.4 mm	2.4 mm
	LPH-271			2		
	LPH-272			3		
	LPH-273			4		
	LPH-274	0.025-20 ml/min	0.1/0.1 Pa	1	0.5x0.8, 1x1, 2x1, 2.4x0.8, 3x1	0.8, 1 mm
	LPH-275			2		
	LPH-276			3		
	LPH-277			4		
	LPH-278			5		
	LPH-279			6		
	LPH-280			8		
	LPH-281			12		
	LPH-282			24		
	LPH-283	0.03-30 ml/min		1		
	LPH-284			2		
	LPH-285			3		
	LPH-286			4		
	LPH-287			5		
	LPH-288			6		
	LPH-289			8		
	LPH-290			12		
	LPH-291			24		



## ACCESSORIES

For Model	Model No.	Flow Rate	Pressure	Channels	Tubing Inner Diameter	Tubing Wall Thickness
LPP-702	LPH-292	0.07-1140 ml/min	0.25/0.15 Pa	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm	1.6 mm
	LPH-293			2		
	LPH-294	0.17-870 ml/min	0.28/0.18 Pa	1	4.8, 6.4 mm	2.4 mm
	LPH-295			2		
	LPH-296	2.5-750 ml/min	0.28/0.18 Pa	1	6.4 mm	2.4 mm
	LPH-297	0.06-30 ml/min	0.1/0.1 Pa	4	0.5x0.8, 1x1, 2x1, 2.4x0.8, 3x1	0.8, 1 mm
	LPH-298			6		
	LPH-299	0.06-45 ml/min		4		
	LPH-300			6		

## PERISTALTIC PUMP LPP-800 SERIES

Labocon Peristaltic Pump LPP-800 Series are high precision pumps with low or medium flow rate featuring automatic or manual speed control. It is equipped with dual CPU control system that separates the drive and helps in quick and stable operation. It is compact with easy to use feature and does not contaminate the fluid during operation. It provides flexible solutions for a variety of demanding applications from low flow lab pumps to high flow industrial pumps for dispensing, filling, metering, dosing, sampling and transferring applications.

## FEATURES

- ▶ LED screen displays rotary speed up till 3-digits
- ▶ Fill and drain key helps you get rid of any air inside the tube which enables filling of the tube without any air bubble
- ▶ Pulse rotary encoded switch for speed control. It ensures high accuracy during fluid transfer
- ▶ External start-stop, direction change and speed control mode available. External control signal of 0-5 V, 0-10 V, 4-20 mA can be detected
- ▶ Data can be stored and recovered on power or system failure
- ▶ High torque and low power loss enables the pump to connect with several pump heads in series or install multichannel pump heads to utilize variety of application settings
- ▶ Multiple pump heads can be attached to meet different applications in the same pump

## APPLICATION

Labocon Peristaltic Pump can be used for dispensing, transferring, filling, dosing and sampling various types of fluids. It can be used in pharmaceutical, chemical industries, also in medical and research laboratories.

## SPECIFICATION

Model	LPP-801	LPP-802	LPP-803
Flow Rate	0.07-900 ml/min	0.07-2100 ml/min	0.07-3600 ml/min
Speed	1-150 rpm, reversible	1-350 rpm, reversible	1-600 rpm, reversible
Speed Precision	0.1 rpm (1-100 rpm), 1 rpm (100-150 rpm)	0.1 rpm (1-100 rpm), 1 rpm (100-300 rpm)	0.1 rpm (1-100 rpm), 1 rpm (100-600 rpm)
Speed Control	0-5V, 0-10V, 4-20mA (Optional)		
Operating Temp.	0-40°C		
Operating Humidity	< 80%		
Display	3-digit LED display		
Interface	RS485		
Dimension	234x144x140 mm	254x184x145 mm	
Power	<45 W		
Power Supply	220 V, 60Hz		
Weight	3.98 kg	4.30 kg	4.03 kg
Catalog No.	9205124471	9205125471	9205126471

## ACCESSORIES

For Model	Model No.	Flow Rate	Pressure	Channels	Tubing Inner Diameter	Tubing Wall Thickness
LPP-801	LPH-301	0.07-380 ml/min	0.25/0.15 Pa	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm	1.6 mm
	LPH-302			2		
	LPH-303			3		
	LPH-304			4		
	LPH-305	0.17-290 ml/min	0.28/0.18 Pa	1	4.8, 6.4 mm	2.4 mm
	LPH-306			2		
	LPH-307			3		
	LPH-308			4		
	LPH-309	2.5-250 ml/min	0.28/0.18 Pa	1	6.4 mm	2.4 mm
	LPH-310	0.03-30 ml/min	0.1/0.1 Pa	1	0.5x0.8, 1x1, 2x1, 2.4x0.8, 3x1	0.8, 1 mm
	LPH-311			2		
	LPH-312			3		
	LPH-313			4		
	LPH-314			5		
	LPH-315			6		
	LPH-316			8		
	LPH-317			12		
	LPH-318			24		
	LPH-319			1		
	LPH-320			2		
	LPH-321					
	LPH-322			4		
	LPH-323					
	LPH-324			6		
	LPH-325			8		
	LPH-326			12		
	LPH-327			24		

## ACCESSORIES

For Model	Model No.	Flow Rate	Pressure	Channels	Tubing Inner Diameter	Tubing Wall Thickness
LPP-802	LPH-328	0.07-1140 ml/min	0.25/0.15 Pa	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm	1.6 mm
	LPH-329			2		
	LPH-330	0.17-870 ml/min	0.28/0.18 Pa	1	4.8, 6.4 mm	2.4 mm
	LPH-331			2		
	LPH-332	2.5-750 ml/min	0.28/0.18 Pa	1	6.4 mm	2.4 mm
	LPH-333	2.5-750 ml/min	0.1/0.1 Pa	4	0.5x0.8, 1x1, 2x1, 2.4x0.8, 3x1	0.8, 1 mm
	LPH-334	0.06-45 ml/min		6		
	LPH-335			4		
	LPH-336			6		
LPP-803	LPH-337	0.07-2280 ml/min	0.25/0.15 Pa	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm	1.6 mm
	LPH-338			2		
	LPH-339			3		
	LPH-340			4		
	LPH-341	0.17-1740 ml/min	0.28/0.18 Pa	1	4.8, 6.4 mm	2.4 mm
	LPH-342			2		
	LPH-343			3		
	LPH-344			4		
	LPH-345	2.5-1500 ml/min	0.27/0.17 Pa	1	6.4 mm	2.4 mm
	LPH-346			2		
	LPH-347			3		
	LPH-348			4		

## PERISTALTIC PUMP LPP-900 SERIES

Labocon Peristaltic Pump LPP-900 Series are high precision pumps with low or medium flow rate featuring automatic or manual speed control. It is equipped with dual CPU control system that separates the drive and helps in quick and stable operation. It is compact with easy to use feature and does not contaminate the fluid during operation. It provides flexible solutions for a variety of demanding applications from low flow lab pumps to high flow industrial pumps for dispensing, filling, metering, dosing, sampling and transferring applications.

## FEATURES

- ▶ LED screen, displays rotary speed up till 3-digits
- ▶ External start-stop, direction change and speed control mode available. External control signal of 0-5 V, 0-10 V, 4-20 mA can be detected
- ▶ Numeral knob controls speed, also decides number of distribution, time of distribution and pause time
- ▶ Data can be stored and recovered on power or system failure
- ▶ Multiple pump heads can be attached to meet different applications in the same pump

## APPLICATION

Labocon Peristaltic Pump can be used for dispensing, transferring, filling, dosing and sampling various types of fluids. It can be used in pharmaceutical, chemical industries, also in medical and research laboratories.

## SPECIFICATION

Model	LPP-901	LPP-902	LPP-903
Flow Rate	0.05-380 ml/min	0.07-1500 ml/min	
Speed	1-100 rpm, reversible	1-300 rpm, reversible	1-600 rpm, reversible
Speed Precision	0.1 rpm	0.1 rpm (1-100 rpm), 1 rpm (100-300 rpm)	0.1 rpm (1-100 rpm), 1 rpm (100-600 rpm)
Speed Control	0-5V, 0-10V, 4-20mA (Optional)		
Operating Temp.	0-40°C		
Operating Humidity	< 80%		
Display	3-digit LED		
Interface			
Dimension	234x144x140 mm	245x184x145 mm	
Power	<22 W	<35 W	<50 W
Power Supply	220 V, 60Hz		
Weight	3.98 kg	4.30 kg	4.68 kg
Catalog No.	9205127471	9205128471	9205129471



## ACCESSORIES

For Model	Model No.	Flow Rate	Pressure	Channels	Tubing Inner Diameter	Tubing Wall Thickness
LPP-901	LPH-349	0.07-380 ml/min	0.25/0.15 Pa	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm	1.6 mm
	LPH-350			2		
	LPH-351			3		
	LPH-352			4		
	LPH-353	0.17-290 ml/min	0.28/0.18 Pa	1	4.8, 6.4 mm	2.4 mm
	LPH-354			2		
	LPH-355			3		
	LPH-356			4		
	LPH-357	0.05-20 ml/min	0.1/0.1 Pa	1	0.5x0.8, 1x1, 2x1, 2.4x0.8, 3x1	0.8, 1 mm
	LPH-358			2		
	LPH-359	0.06-30 ml/min		1		
	LPH-360			2		
LPP-902	LPH-361	0.07-380 ml/min	0.25/0.15 Pa	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm	1.6 mm
	LPH-362			2		
	LPH-363	0.17-290 ml/min	0.28/0.18 Pa	1	4.8, 6.4 mm	2.4 mm
	LPH-364			2		
	LPH-365	2.5-1500 ml/min	0.1/0.1 Pa	1	6.4 mm	2.4 mm
	LPH-366	2.5-1500 ml/min		2		
LPP-903	LPH-367	0.07-380 ml/min	0.25/0.15 Pa	1	0.8, 1.6, 2.4, 3.1, 4.8, 6.4, 7.9 mm	1.6 mm
	LPH-368			2		
	LPH-369	0.17-290 ml/min	0.28/0.18 Pa	1	4.8, 6.4 mm	2.4 mm
	LPH-370			2		
	LPH-371	2.5-1500 ml/min	0.1/0.1 Pa	1	6.4 mm	2.4 mm
	LPH-372			2		



LPP-101 (LPH-103)



LPP-101 (LPH-104)



LPP-101 (LPH-106)



LPP-101 (LPH-112)



LPP-101 (LPH-117)



LPP-101 (LPH-118)



LPP-101 (LPH-119)



LPP-101 (LPH-130)



LPP-101 (LPH-131)



LPP-101 (LPH-137)



LPP-101 (LPH-138)



LPP-101 (LPH-142)



LPP-201(LPH-152)



LPP-201(LPH-153)



LPP-201(LPH-154)



LPP-201(LPH-160)



LPP-201(LPH-162)



LPP-201(LPH-163)



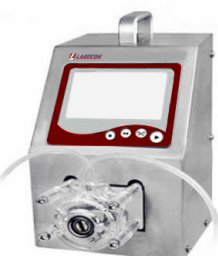
LPP-201(LPH-164)



LPP-202(LPH-181)



LPP-202(LPH-182)



LPP-202(LPH-185)



LPP-202(LPH-192)



LPP-202(LPH-193)



LPP-301(LPH-203)



LPP-301(LPH-204)



LPP-301(LPH-215)



LPP-302(LPH-232)



LPP-303(LPH-243)



LPP-303(LPH-244)



LPP-401(LPH-254)



LPP-404(LPH-257)



LPP-504(LPH-261)



LPP-602(LPH-263)



LPP-602(LPH-265)



LPP-701(LPH-266)



LPP-701(LPH-268)



LPP-701(LPH-269)



LPP-701(LPH-274)



LPP-701(LPH-275)



LPP-701(LPH-277)



LPP-701(LPH-280)



LPP-701(LPH-281)



LPP-701(LPH-293)



LPP-701(LPH-297)



LPP-801(LPH-301)



LPP-801(LPH-310)



LPP-801(LPH-313)



LPP-801(LPH-328)



LPP-801(LPH-329)



LPP-801(LPH-333)



LPP-801(LPH-340)



LPP-901(LPH-349)



LPP-901(LPH-350)



LPP-901(LPH-351)



LPP-901(LPH-352)



LPP-901(LPH-358)



LPP-901(LPH-361)



LPP-901(LPH-367)



LPP-901(LPH-368)





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