PUMPS & ASPIRATORS

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Piston pump

Iris Piston pump can handle the following ranges: flow rates between 0 to 2300 ml/min, the outlet pressure of 0.69 MPa and equipped with 3 different motors: stepper, servo, and brushless dc motor. Used in the laboratory. The major features of these pumps: flow rate or motor speed display, fixed angle and volume, fixed volume measurement, time start and stop. Design with multichannel pumping with accurate flow control features with ABS plastic.

Basic Piston Pump IPP-500 Series is basically used in a laboratory. The major features of these pumps: display motor speed, used for common transferring, support simple dispensing (0.5s to 999s). Run multichannel pumping with accurate flow control also features with ABS plastic and 4 digital LCD screen display with 3 different motor and flow rates of 0 to 2300 ml/min. Suitable for transferring high temperature, high pressure, and viscous liquid

Flow Rate Piston Pump IPP-600 Series is basically used in a laboratory. The major features of these pumps: flow rate or motor speed display, fixed angle and volume, fixed volume measurement, time start and stop. Run multichannel pumping with accurate flow control also features with ABS plastic and 4.3 inch LCD screen display with 3 different motor and flow rates of 0 to 2300 ml/min. Suitable for transferring high temperature, high pressure, and viscous liquid.

Dispensing Piston Pump IPP-700 Series are basically used in a laboratory. The major features of these pumps: input dispensing volume, dispensing time, copy number, for accurate filling. Run multichannel pumping with accurate flow control also features with ABS plastic and 4.3 inch LCD screen display with 3 different motor and flow rates of 0 to 2300 ml/min. Suitable for transferring high temperature, high pressure, and viscous liquid.

Flow Rate Piston Pump IPP-600 Series

Flow Rate Piston Pump IPP-600 Series

Flow Rate Piston Pump IPP-600 Series is basically used in a laboratory. The major features of these pumps: flow rate or motor speed display, fixed angle and volume, fixed volume measurement, time start and stop. Run multichannel pumping with accurate flow control also features with ABS plastic and 4.3 inch LCD screen display with 3 different motor and flow rates of 0 to 2300 ml/min. Suitable for transferring high temperature, high pressure, and viscous liquid.

Flow Rate Piston Pump IPP-645L has a 0.1 to 600 rpm speed range with stepper motor along with RS232, RS485 Modbus interface communicator.

Flow Rate Piston Pump IPP-655M has a 0.1 to 1800 rpm speed range with servo motor along with RS232, RS485 Modbus interface communicator.

Flow Rate Piston Pump IPP-665H has a 100 to 3000 rpm speed range with Brushless dc motor along with RS232, RS485 Modbus interface communicator.

- Allow stacking of 3 different motor and flow rate of 0 to 2300 ml/min
- 4.3inch LCD screen display
- Suitable for high pressure and temperature
- High repeatability on all channels
- The directional signal comes with passive switch signal like foot pedal along with optional active switch signal: 5V, 12V, 24V
- Low noise and vibration
- Touch screen + Mechanical keypad are used for the control method
- Easy installation and low maintenance condition
- Materials have good rigidity and high precision along with resisting organic solvent corrosion property
- Adjust the pump as per the need

Technical Specifications

Model	IPP-645L		IPP-655M		IPP-665H	
Flow rate	0 to 2300 ml/min					
Type	Intelligent flow rate					
Operating Temperature	0 to 40ºC					
Motor	Stepper		Servo		Brushless dc motor	
Speed	0.1 to 600 rpm		0.1 to 1800 rpm		100 to 3000 rpm	
Material	ABS plastic					
Display	4.3 inch LCD screen					
Control Method	Touch screen + Mechanical keypad					
Start/Stop Direction Signal	Passive switch signal: foot pedal Active switch signal: 5V, 12V, 24V (optional)					
Outlet Pressure	0.69 MPa					
IP-Rate	IP31					
Communication	RS232, RS485 Modbus protocol(RTU mode)					
Power Consumption	< 100 W					
Humidity	< 80%					
Dimension	261.4×157.3×236.9 mm					
Drive Weight	4.4 kg					
Electrical Requirement	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	490602001	490602002	490602501	490602502	490603001	490603002

Basic Piston Pump IPP-500 Series

Basic Piston Pump IPP-500 Series

Basic Piston Pump IPP-500 Series is basically used in a laboratory. The major features of these pumps: display motor speed, used for common transferring, support simple dispensing (0.5s to 999s). Run multichannel pumping with accurate flow control also features with ABS plastic and 4 digital LCD screen display with 3 different motor and flow rates of 0 to 2300 ml/min. Suitable for transferring high temperature, high pressure, and viscous liquid.

Basic Piston Pump IPP-545L has a 0.1 to 600 rpm speed range with stepper motor along with RS232, RS485 Modbus interface communicator.

Basic Piston Pump IPP-555M has a 0.1 to 1800 rpm speed range with servo motor along with RS232, RS485 Modbus interface communicator.

Basic Piston Pump IPP-565H has a 100 to 3000 rpm speed range with Brushless dc motor along with RS232, RS485 Modbus interface communicator.

- Allow stacking of 3 different motor and flow rate of 0 to 2300 ml/min
- 4 digital LCD screen display
- Suitable for high pressure and temperature
- High repeatability on all channels
- The directional signal comes with passive switch signal like foot pedal along with optional active switch signal: 5V, 12V, 24V
- Low noise and vibration
- Touch screen + Mechanical keypad are used for the control method
- Easy installation and low maintenance condition
- Materials have good rigidity and high precision along with resisting organic solvent corrosion property
- Adjust the pump as per the need

Technical Specifications

Model	IPP-545L		IPP-555M		IPP-565H	
Flow rate	0 to 2300 ml/min					
Type	Basic type					
Operating Temperature	0 to 40ºC					
Motor	Stepper		Servo		Brushless dc motor	
Speed	0.1 to 600 rpm		0.1 to 1800 rpm		100 to 3000 rpm	
Material	ABS plastic					
Display	4 Digital LCD screen					
Control Method	Mechanical keypad					
Start/Stop Direction Signal	Passive switch signal: foot pedal Active switch signal: 5V, 12V, 24V (optional)					
Outlet Pressure	0.69 MPa					
IP-Rate	IP31					
Communication	RS232, RS485 Modbus protocol(RTU mode)					
Power Consumption	< 100 W					
Humidity	< 80%					
Dimension	261.4×157.3×236.9 mm					
Drive Weight	4.4 kg					
Electrical Requirement	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	490600501	490600502	490601001	490601002	490601501	490601502

Dispensing Piston Pump IPP-700 Series

Dispensing Piston Pump IPP-700 Series

Dispensing Piston Pump IPP-700 Series are basically used in a laboratory. The major features of these pumps: input dispensing volume, dispensing time, copy number, for accurate filling. Run multichannel pumping with accurate flow control also features with ABS plastic and 4.3 inch LCD screen display with 3 different motor and flow rates of 0 to 2300 ml/min. Suitable for transferring high temperature, high pressure, and viscous liquid.

Dispensing Piston Pump IPP-745L has a 0.1 to 600 rpm speed range with stepper motor along with RS232, RS485 Modbus interface communicator.

Dispensing Piston Pump IPP-755M has a 0.1 to 1800 rpm speed range with servo motor along with RS232, RS485 Modbus interface communicator.

Dispensing Piston Pump IPP-765H has a 100 to 3000 rpm speed range with Brushless dc motor along with RS232, RS485 Modbus interface communicator.

- Allow stacking of 3 different motor and flow rate of 0 to 2300 ml/min
- 4.3-inch LCD screen display
- Suitable for high pressure and temperature
- High repeatability on all channels
- The directional signal comes with passive switch signal like foot pedal along with optional active switch signal: 5V, 12V, 24V
- Low noise and vibration
- Touch screen + Mechanical keypad are used for the control method
- Easy installation and low maintenance condition
- Materials have good rigidity and high precision along with resisting organic solvent corrosion property
- Adjust the pump as per the need

Technical Specifications

Model	IPP-745L		IPP-755M		IPP-765H	
Flow rate	0 to 2300 ml/min					
Type	Intelligent dispensing type					
Operating Temperature	0 to 40ºC					
Motor	Stepper		Servo		Brushless dc motor	
Speed	0.1 to 600 rpm		0.1 to 1800 rpm		100 to 3000 rpm	
Material	ABS plastic					
Display	4.3 inch LCD screen					
Control Method	Touch screen + Mechanical keypad					
Start/Stop Direction Signal	Passive switch signal: foot pedal Active switch signal: 5V, 12V, 24V (optional)					
Outlet Pressure	0.69 MPa					
IP-Rate	IP31					
Communication	RS232, RS485 Modbus protocol(RTU mode)					
Power Consumption	< 100 W					
Humidity	< 80%					
Dimension	261.4×157.3×236.9 mm					
Drive Weight	4.4 kg					
Electrical Requirement	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	490603501	490603502	490604001	490604002	490604501	490604502

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