



NAVID KALA DARAN CO.

Basic (Micro) Peristaltic Pump

Flow Rates

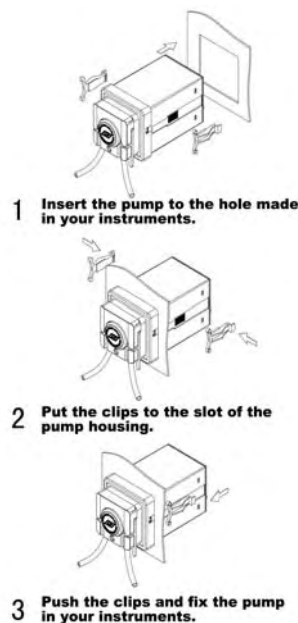


BQ50-1J



BQ50-1J peristaltic pump combines low flow and compact size into a single pump that mounts in the equipment rack or panel. The pump provides flow rates from 0.0002 to 20.0 mL/min. And it can be operated through hand-held remote controller, analog interface or RS485. White and black colors are available.

Features



- Prime Function
 - Fast Filling
 - Fast Emptying
- Memory function
- Ideal for OEM
 - Compact size
 - Light weight
- Installation Modes
 - Inlaid
 - Rack
- Control Modes
 - Hand-held remote controller
 - Analog external control
 - Communication external control
- Tubing Loading
 - Flexible
 - Reliable

OEM Installation Sketch



Specifications

Speed: 1 to 50 rpm, reversible
Speed precision: 1 rpm (External control 0.1 rpm)
Speed control: Hand-held remote controller
Display: Hand-held remote controller displays speed range and running status
External control: Start/stop and cw/ccw control, 0 to 5 V, 0 to 10 V, 4 to 20 mA and 0 to 10 kHz speed control
Communication interface: RS485
Power supply: DC 12 V/1A adapter
Power consumption: < 10 W
Operating condition: Temperature 0 - 40 °C Relative humidity < 80%
Drive dimensions (L×W×H) : 135×72×72 (mm)
Controller dimensions (L×W×H) : 105×50×16 (mm)
Drive weight: 0.5 kg
IP rating: IP 31

Standard Configuration

1. Pump Head
2. Drive
3. Hand-held Remote Controller
4. Adapter
5. Data Wire

Optional Accessories

1. Small V-base
2. Polished Stainless Steel Frame Tube
3. Fixed Plate



Drive	Part Number	Pump Head	Flow Rates (mL/min)	Tubing (mm)	Weight (kg)
BQ50 - 1J	0502021	WX10 - 14	0.0002 - 20	Wall Thickness: 0.8 - 1.0 Inner Diameter: ≤ 3.17 ex. 0.5×0.8 1×1 2×1 2.4×0.8 3×1 etc.	0.5
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