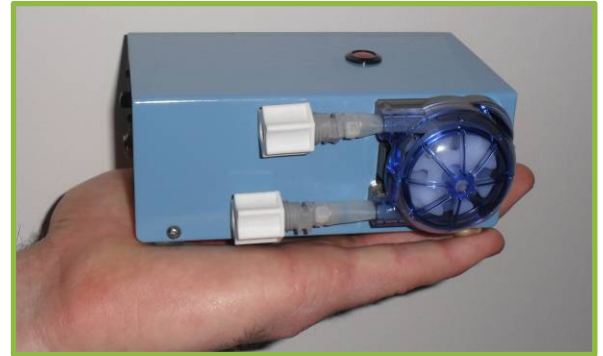


Miniature Battery-Powered Peristaltic Pump

Increase Productivity, Save Money, Increase Revenue.

Photonic BioSystems proudly presents its miniature battery-powered peristaltic pump for in-the-field filtering applications as well as bench top operations. The microprocessor-controlled unit measures only 5.25" x 4" x 2" and offers 5+ hours of battery life, making it the ideal portable peristaltic pump.



Markets / Applications

- MF sample preparation
- General, media and reagent dispensing
- Sampling
- Filtration
- Pilot to process scale-up
- Fermenter recirculation
- Stem cell research
- Spectroscopy
- Reagent metering applications
- Tangential-flow or cross flow filtration
- Chromatography
- Bio-reactor feed and chemistry control
- Cell Harvesting
- Filling
- Chemical feed
- Lab analyzers
- Biopharma
- Cell Culture
- Oil analysis
- Agrochemicals

\$439.99

*Batteries and external power supply included



Specifications

Size: 5.25" x 4" x 2" (L x W x H)

Weight: 1.6 lbs.

Flow Rate: 100mL per minute

Power: Internal battery and 12-18VDC adapter

Battery Life: 5+ hours of continuous operation

Description

The pump is microprocessor-controlled, with programmable auto-shutoff time to extend battery life. Custom on-off timing for remote sampling applications is available upon request. The battery pack uses standard AA NiMH batteries – easily replaced if necessary. A trickle-charger keeps the batteries “topped off” when the pump is plugged into the external power supply.

There is a convenient on-off switch on the top of unit, plus a ‘safety’ switch located on the side for storage and transport. Easily replaceable ¼" silicone pump tube has an expected life of 100-200 hours, assuming non-corrosive aqueous media. Other tube material is available for harsher applications.