



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





## EZO-PMP Kit

KIT-14454

The EZO-PMP Kit from Atlas Scientific is a small peristaltic dosing pump and serial controller with all the parts needed to set up a nice home lab environment. The EZO-PMP inside each kit is a small, intelligently designed peristaltic pump that can be used to dispense liquids with a  $\pm 1\%$  accuracy (with calibration). With four modes of operation — continuous and volumetric dispensing, constant flow rate and dose over time — this embedded dosing pump kit is perfect for repeatable and reliable measurements.

The pump can simply connect to any TTL UART (such as an FTDI USB bridge or an Arduino RX/TX line) or I<sup>2</sup>C device. It is equipped with an easy-to-read RGB LED with multiple color codes to help define any situation the EZO-PMP is in. This kit includes everything you need to start using the EZO-PMP. They've even thrown in a tiny graduated cylinder for calibration. Each EXO-PMP runs at 3.3V–5V for logic and 12V–24V for the motor and has plenty of example code for multiple formats to get you up and running in no time!

## INCLUDES

- 1x Peristaltic Pump with Controller
- 2x 1-inch Long Pump Tube
- 2x Inline Tubing Connector
- 1x 12V Power Supply
- 1x Power Supply Connector
- 1x Data Cable
- 1x 10ml Graduated Cylinder (for calibration)

## FEATURES

- Flow Rate: 0.5ml to 105ml/mins
- Accuracy: +/- 1%
- Modes of Operation: Continuous Dispensing, Volume Dispensing, Constant Flow Rate, Dose Over Time
- Calibration: Single Point
- Supplied Tubing: 61cm
- Tubing Size: Any 5mm O.D. Tubing
- Data Protocol: UART & I<sup>2</sup>C
- Default I<sup>2</sup>C Address: 103 (0x67)
- Operating Voltage: 3.3V–5V (Logic), 12V–24V (Motor)
- Pump Head: 2m
- Data Format: ASCII