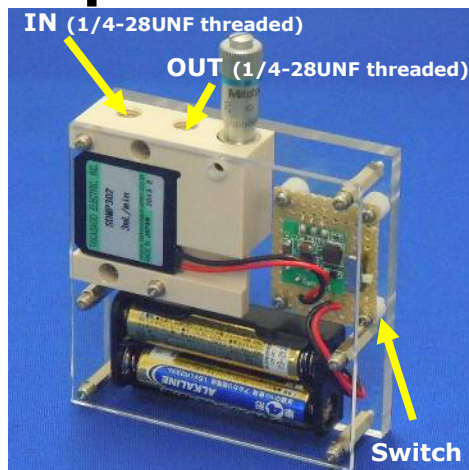


INTEGRATED PRODUCT

Manually Adjustable Low Pulsation Micro Pump Unit



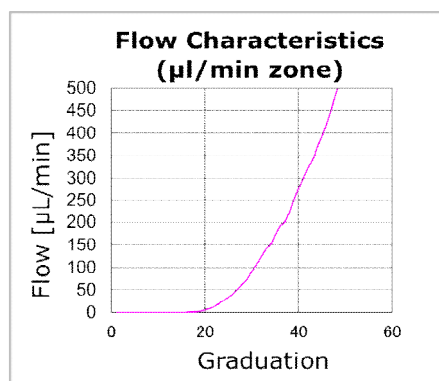
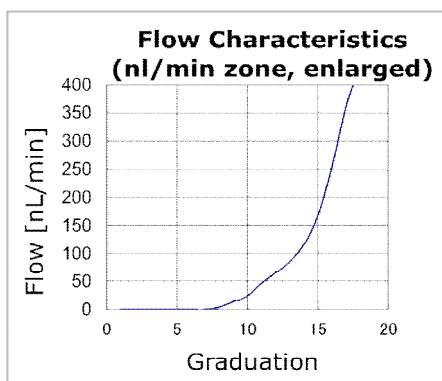
**Suitable for Lab-on-a-Chip Devices,
Cell Culture Media Circulation, etc.**

Features

- Flow from a piezoelectric micro pump is adjusted by a micro needle valve.
- Can adjust flow from nl/min level to around 1.5 ml/min manually.
- Flow pulsation at low flow rates is drastically reduced by a micro needle valve (See the graph at the bottom).
- Usable as a stand alone by AAA or R03 batteries.
- Compact size: Dimensions of 70 x 25 x 94 mm
- Maximum pump pressure is around 35 kPa (The value varies depending on the flow channel configuration and fluid characteristics).

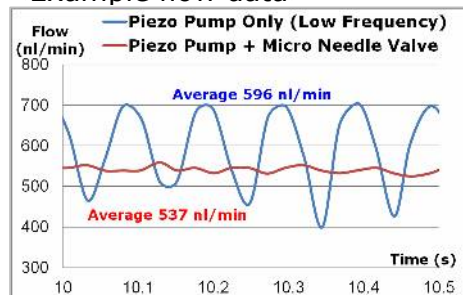
a demonstration Video is available - Ask!

Flow Characteristics <Example flow data>



Reduction of Flow Pulsation

<Example flow data>



Similar Item



Unit of a piezo pump and a needle valve is also available (Either a driver or a controller is separately needed).