INTEGRATED PRODUCT
Manually Adjustable Low Pulsation Micro Pump Unit

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).

Demonstration video is available at the following website.
http://www.takasago-elec.co.jp/movie/low_pulsation_pump_unit-e.wmv

Flow Characteristics
<Example flow data>

Reduction of Flow Pulsation
<Example flow data>

Note: Details including specifications may change without notification.

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