

Pen-Type Glass Syringe Pump



Features

- Remarkably small outer dimensions of Dia. 8.8 x L 121 mm, now with a built-in 2-phase stepper motor (with a reduction gear).
- With a lightweight of only 33 g, this pump is very suitable for installation on a microscope stage, inside an incubator, or on moving parts, etc.
- Continuous microlitre transfer system can also be made possible by operating 2 pieces of syringe pumps alternately.
- Theoretical resolution is 21 nl.
- Has a built-in sensor that enables zero-point detection.
- In addition to the needle model in the above picture, a No.6-40UNF threaded port model and a special attachment model to connect with our small 3-way valve are also available.
- A driver for operating this pump has also been prepared.

Specifications

Model Number	SAP-100G-N
Syringe Capacity	100 μ l
Theoretical Resolution	21 nl
Duty Cycle	10 s ED = 33%
Maximum Frequency	1500 Hz
Wetted Materials	Glass (barrel), PTFE (tip), Stainless Steel (needle) • Extremely small amount of silicone oil applied to the tip as lubricant.
Outer Dimensions	Dia. 8.8 \times L121 mm (excluding the needle)
Needle Size	22G (I.D. 0.4 \times O.D. 0.72 \times L5.1mm)
Weight	33 g

Note: Details including specifications may change without notification.
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Dimensions

Needle Type

