

# Pen-Type Glass Syringe Pump

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TAKASAGO ELECTRIC, INC.



## 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 $\mu$ 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 $\times$ L51mm)
Weight	33 g

Note: Details including specifications may change without notification.

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Dimensions

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Needle Type

