

PEN-TYPE SYRINGE PUMP

SBP Series



Extremely Compact and High Resolution

Features

- High resolution provides smooth flow (theoretical resolution: 0.105 nl at 1/100 micro-step).
- Remarkably small outer dimensions of Dia. 12 x L 170 mm*, now with a built-in 2-phase stepper motor with a reduction gear. Suitable for portable devices.
- An ultra-small type with the outer diameter of 8.8 mm is also available by custom order. (Please contact us for the details of the micro-stepper drive mode.)
- In addition to the standard models (needle, Luer Lock, M6 screw), a special attachment model to connect with our ultra-small 3-way valve is available.
- Has a built-in sensor to prevent overrun.
- An easy-to-use controller is available upon request.

Specifications

Model Number	SBP-100G-N	SBP-100G-LL	SBP-100G-M6
Outer Dimensions	Dia. 12 × L170 mm (*excluding needle and sensor case)		
Syringe Capacity	100 µl		
Theoretical Resolution	At 1/100 micro-step: 0.105 nl At full step: 10.5 nl		
Wetted Materials	Glass (barrel) PTFE (tip, seal) Stainless Steel (needle)	Glass (barrel) PTFE (tip, seal) PVDF, Stainless Steel (attached needle)	Glass (barrel) PTFE (tip, seal)
Port Connection	Needle 22G (I.D. 0.40 × O.D. 0.72 × L51 mm)	Luer Lock (with needle)	M6

Note: Details including specifications may change without notification.

TAKASAGO ELECTRIC, INC.

66 KAKITSUBATA, NARIUMI-CHO, MIDORI-KU, NAGOYA, 458-8523 JAPAN
Tel +81-52-891-2301 Fax+81-52-891-7386

E-mail: info@takasago-elec.co.jp URL: <http://www.takasago-fluidics.com/>