



## Syringe Pump

- Syringe pumps provide liquid handling products for accurate delivery of fluids for a multitude of syringe pump applications. This equipment includes three models of HPM, HSM and HOM series, the characteristic features of which are listed below:
- HPM and HSM series are programmable models, by which one can infuse/withdraw fluids using advanced programming functions.
- HSM series are remotely controlled which is of great significance while working in hazardous environment and it is safe for researcher to be far from pumping apparatus.
- HOM series are the best choices for operators who demand for accurate, low rate infusion without withdrawal and programming capabilities.

### Application

- Infusing reactant into a reaction chamber
- Animals infusion
- Cellular infusion
- Electro spinning/Melt spinning
- Lab-on-chip





Model	2000HSM	2000HPM	2000HOM	1000HSM	1000HPM	1000HOM
Body	Metal	Metal	Metal	Metal	Metal	Metal
Max. Syringe No.	10	10	10	2	2	2
Display (line*character)	4x20	4x20	4x20	4x20	4x20	4x20
Internal Programming	•	•		•	•	
Computer Control	•			•		
Autofill	•	•		•	•	
Max. syringe size (ml)	50	50	50	60	60	60
Min. injection rate (µl/h)	0.5	0.5	0.5	0.5	0.5	0.5
Max. injection rate (ml/h)	640	640	640	1000	1000	1000
Pedal resolution per step (nm)	20	20	20	20	20	20
Weight (kg)	4.5	4.5	4.5	4	4	4

### Features

- Holds syringes from 0.5 µl to 60 ml
- Permanent memory: Stores last-used Settings
- Infusion and withdrawal
- Full metal chassis
- Advanced microstepping techniques
- Easy to use interface
- Two modes of operation: Constant rate, Constant volume