

## Ideal for developing applications. An entry model for electrospinning nanofibers.



Spark-resistant Syringe Pump  
Model: HSP-101 (option)

The NEX-101 is a lab equipment for R & D of nanofiber electrospinning. Devices such as a high voltage supply, a clip spinneret (nozzle) and a drum collector are integrated to make experiments. The product is ideal for making trial samples and developing applications.

### Easy programming of spinning conditions.

The following parameters can be easily programmed.

- High voltage output: 0 to 30kV  
(An LED indicator is available on the front panel.)
- Spinning distance: 100 to 200mm
- Traversing distance: 0 to 200mm

### Quick and easy making of nonwovens samples

150mm x 150mm-size samples can be easily obtained by the combination of a traversing spinneret and a rotating drum collector.

### Thinking about operators' safety

Operators are highly secured by devices such as chassis made of metals, a high voltage lamp and an emergency switch. (Be sure to connect an exhaust fan to the equipment when using organic solvents.)

### All control and display functions are available on the front panel.

POWER switch and lamp / System power switch and lamp  
High voltage switch, controller and meter / Traversing switch and controller  
Home position switch / Collector rotation switch

