

FLAT COLLECTOR



SINGLE NOZZLE



The NS Starter Kit electrospinning system is designed for low-cost, small-scale nanofiber research, producing results from a single-nozzle configuration in a compact unit. Spinning distance, flow rate and applied voltage are easily adjustable in side-by-side spinning system.

STARTER KIT

Description	Entry Level Single Nozzle Electrospinning Unit
Spinning-Type	Side By Side Spinning

CONSTRUCTION

Chasis	No Closed Chassis For Spinning Area
Collector Material	7000 Series Aluminum Alloy, Stainless Steel
Total Weight	Approx. 10 kgs
Dimensions	W: 210 mm L: 170 mm H: 190 mm

HIGH VOLTAGE POWER SUPPLY

Voltage Range	0- 30 kV
Voltage Precision	0,1 kV
Max. Current	0.125 mA

HIGH PRECISION MICRO PUMP

Flow Rate	Flow Rate: 0.01 - 4464 ml/h (BD 60 ml syringe)
Flow Rate Precision	0.01 ml/h
Available Syringes	All types are available

FEEDING AREA

Number of Nozzles	1
Nozzle Material	Electrically Conductive Stainless Steel
Nozzle Inner Diameter	0.8 mm
Compatible with Standard Syringe Nozzles	
Directly Feed Into Nozzle	

SPINNING DISTANCE

Distance Between Nozzle and Collector	0 mm-∞
Distance Adjustment	Manual Control

STATIONARY PLATE COLLECTOR

Material	Stainless Steel
Dimensions of Stationary Plate	180 mm x 300 mm

UNIQUE USER INTERFACE

4,3" Touch screen control panel with well designed user friendly interface

Fully able to control all parameters