



It is possible to apply high voltage with precision as well as adjust the flow rate and the distance between the needle and collector.

The spinning area is not enclosed in a cabinet, but the small size of the system allows it to fit inside a fume hood.

# NS 1

## Description

Entry Level Multi Nozzle  
Electrospinning Unit

## Spinning-Type

Side By Side Spinning

## CONSTRUCTION

### Chassis

No Closed Chassis For Spinning Area

### Feeding Area Material

PE 1000 (High Density, Chemical resistant)

### Collector Material

7000 Series Aluminum Alloy, Stainless Steel

### LED Illumination

### Total Weight

Approx. 40 kgs

### Dimensions

W: 740 mm L: 645 mm H: 410 mm

## HIGH VOLTAGE POWER SUPPLY

### Voltage Range

0- 30 kV

### Voltage Precision

0,1 kV

### Max. Current

0.170 mA

## HIGH PRECISION MICRO PUMP

### Flow Rate

0.35 - 7123 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	
Minimum Required Solution for Single Nozzle Feeding	2 ml

## SPINNING DISTANCE

Distance Between Nozzle and Collector	30 mm-230 mm
Distance Adjustment	Manual Control

## STATIONARY PLATE COLLECTOR

Material	Stainless Steel
Dimensions of Stationary Plate	300 mm x 238,5 mm

## UNIQUE USER INTERFACE

4,3" Touch screen control panel with well designed user friendly interface
Fully able to control all parameters

## SAFETY FUNCTION

Emergency Button & Safety Relay
Over Current Protection