



Lab Scale Electrospinning Machine (LS-200)

Entry-Level Horizontal Electrospinning System

TECHNICAL SPECIFICATIONS:

Construction:

- Electrostatically painted steel body
- Aluminum Drum Collector
- Stainless Steel Flat Collector
- High density chemically resistant material for feeding area

High voltage power supply:

- Voltage range: 0-30 Kv
- precision: 0.1 Kv
- Max. current: 0,133mA
- Overcurrent Protection

Feeding area:

- Up to 3 needle
- **High precision micro pump** 0.01 ml/h - 3400 ml/h (BD 20 ml syringe)
- Flow rate precision: 0.01 ml/h

Collecting area:

- **Drum Collector D:** 80 L: 200mm
- **Drum Rotating Speed:** 100-700 RPM
- **Flat Collector:** 110*200mm
- **Homogeneity stroke:** 20-80mm
- **Homogeneity speed:** 2-30 mm/sec

Spinning distance:

- 50-200 mm adjustable
- Precision: 1 mm

User Interface:

- 4.3" Touch screen control panel
- Well-designed user- friendly interface Saving & recalling recipe

Safety function:

- Emergency Button
- Safe Door
- Electrical Isolated & Grounded
- Cabinet Sealed Cabinet
- Exhaust system

Weight & Dimensions:

- Approx. 20kg W: 500 mm L: 375 mm H: 455 mm