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Detailed Technical Specifications for Needleless Electro-spinner:

I. Main Features

1. Needle-free electro-spinning system
2. Effective width of nano-fiber layer : 250 - 300 mm
3. Run time per batch : 40 - 100 min
4. Volume of solution per batch : 50ml
5. Substrate speed : 0-5000mm/min
6. Spinning voltage : 0-80kV
7. Meets all CE requirements
8. Safety door locks
9. Safety shut off switches
10. Integrated substrate unwind / rewind
11. Standalone equipment

II. Spinning unit

1. Total number of spinning electrodes: 1
2. Spinning electrode width : 350 mm
3. Stationary wire electrode system
4. Integrated unidirectional substrate unwind / rewind

III. Equipment variable

1. Spinning voltage : 0 - 80 kV
2. Substrate speed : 0 - 5000 mm/min
3. Spinning distance : 120 - 240 mm

IV. Accessories

1. Spinning carriage : 50 ml
2. Small volume spinning carriage : 10 ml
3. Provides cleaning container for carriages

V. peripherals

1. Humidity and temperature control (NS AC 150)
2. Industrial camera with adjustable stand

VI. Consumption

1. Power: up to 300 W (without peripherals)
2. Meets all Safety/regulation
3. Meets all CE requirements

VII. Dimensions

1. Height: 2053mm, Length: 1045mm, Width: 1295mm and Weight: 240 kg

VIII. Polymer filling

1. Operating mode: batch
2. Batch volume: 50 ml or 10 ml

IX. Site requirements

1. Operating staff required: 1 person
2. Production premises: 3 m x 3 m space required
3. Exhaust ventilation connection required
4. Appropriate treatment of waste air required
5. Extinguishing system connection required
6. External grounding required
7. Monitor and computer to be provided by the supplier.