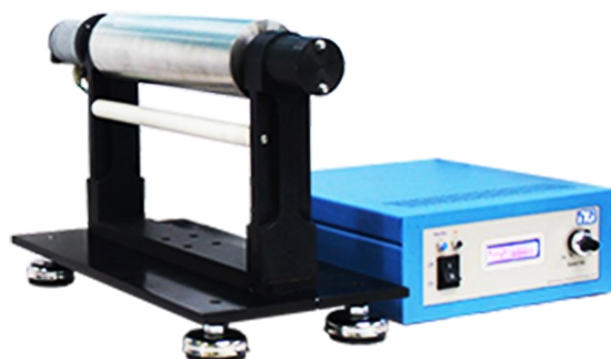




Electrospinning Collectors

To complete a basic electrospinning setup, a suitable grounded collector is required. Plate collector is the simplest collector used in electrospinning, but it has some disadvantages including non-uniformity of the fibers deposited on its surface. We offer a variety of rotary collectors including rotary drum, wire, mandrel and wet collectors that could produce uniform nanofibrous mats. The rotation speed of the collectors is adjustable using a controller and is shown on its LCD display.



MODEL: ESD-30S



ESC-16S



ESW-25S



ESM-20S

Specifications*

Model	ESD-30S	ESC-16S	ESW-25S	ESM-20S
Input power	110-240VAC; 50-60 Hz			
Collector type	Drum collector	Wet collector	Wire collector	Mandrel collector
Rotation speed (rpm)	50 to 2500 (Standard) 5 to 50 (Optional)	5 to 50	50 to 2500	50 to 2500
Length of collector	28cm	16cm	25cm	20cm
Collector diameter	8cm	10cm	8cm	3,4,5,6,7 or 8mm
Speed control	10 turn potentiometer			
Display	2 x 16 character LCD			
Application	Producing uniform nanofibrous mat	Electrospinning of cellulose	Producing parallel (aligned) fibers	Produce nanofibrous tubular structures

* Product specifications are subject to change without prior notice due to engineering innovations