

E-Fiber Accessories

Modular electrospinning/electrospraying platform

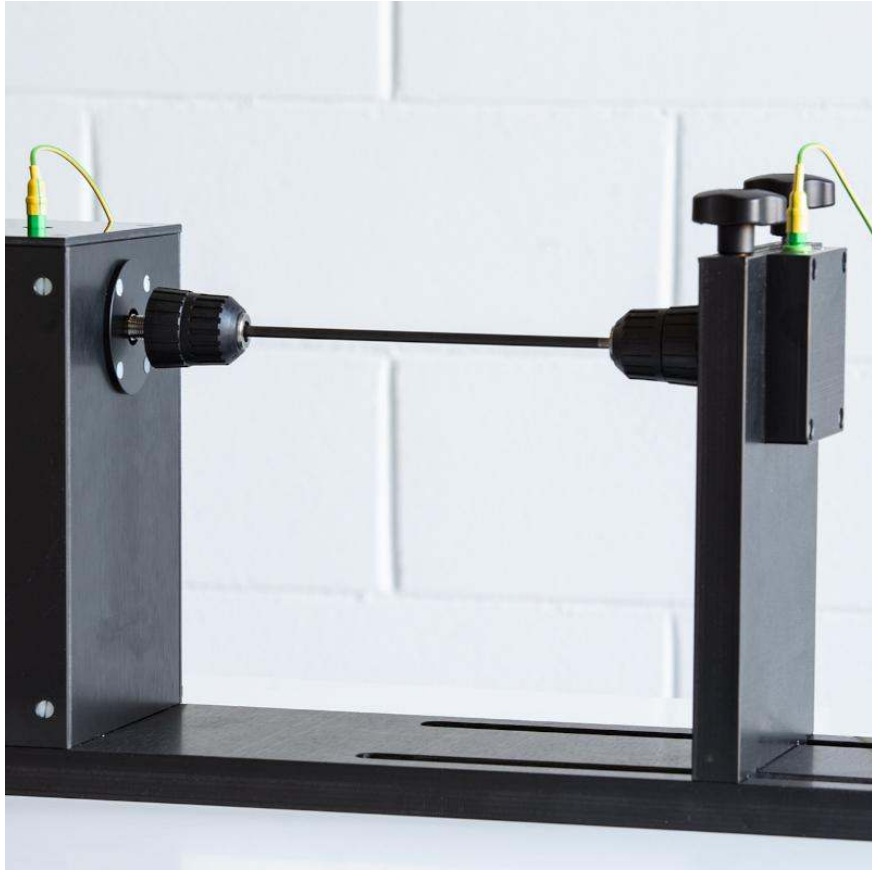


EFA010 - Modular Rotating Collector System

Rotating collector is used to electrospin cylindrical or big planar structures with oriented and non-oriented fibers (depending on rotation speed). This version can house cylindrical collectors (mandrels) with different diameters and lengths and, because it is highly flexible and versatile, it is ideal for research applications.

Entirely made with insulating materials, in order to avoid interferences with the electrical field and electrospinning process. Electronic feedback for a precise control over speed rotation, in order to grant highly reproducible batch-to-batch conditions. Supplied with 5 collectors of different diameters (< 10mm), and one bigger drum collector (100 mm diameter) for homogeneous 2D structures.

Standard parameters : adjustable speed between 50-1200 rpm, collectors up to 250mm length and 150mm diameter.



TECHNICAL DATA

General Information

Material	Plastic (PVC)
Dimensions	685 mm x 180 mm x 280 mm (W x D x H)
Weight	approx. 10 kg
Speed range	0 - 1200 rpm
User interface	Control system with LCD interface and knob
Grounding/Polarity	External ground or polarity connection [+/- 25 kV]
Main connections	120-240 Vac ~ 50/60Hz

Collector

Collector size range (mandrels)	2-10 mm diameter, L 250 mm
Collector size range (drum)	30-100 mm diameter, L 250 mm
Material	Stainless steel / Aluminum
In Force legislations	LVD 2014/35/UE 2006/42/CE

ORDERING DETAILS

Product code	EFA010
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