

## E-Fiber

Modular electrospinning/electrospraying platform

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### **EF020 - High Voltage Power Supply for electrospinning/electrospraying**

High voltage power supply for electrospinning and electrospraying applications, particularly indicated for basic research and development applications. Equipped with a user friendly LCD screen to monitor voltage and current, emergency stop, connection and external switch for safety interlock or fume-hood front panel. All models are CE and UL certified.

The high voltage power supply options are:

- Single polarity power supply.
- Dual polarity (positive and negative) high voltage power supply options for needleless technology upgrade or specific applications.

## TECHNICAL DATA

### General Information

Dimensions	Control Panel Box 240 mm x 290 mm x 110 mm High Voltage Generator Box 200 mm x 120 mm x 92 mm
Weight	4 kg
Cable Length	AC power supply 1.5 meters Control Panel to High Voltage Generator Box 2.0 meters High Voltage Cable min length 50 cm
User interface	LCD with voltage and current monitor
Emergency Button	Yes
External safety switch (interlock)	Yes
Main power	110-240 Vac ~ 50/60Hz

### High-voltage power supply (CE and UL mark)

Voltage *	Single High Voltage power supply      0÷40kV Dual High Voltage power supply      +40kV / -40 kV
Polarity *	Positive (default), Negative on Dual setup or on request
Power *	4W for each high voltage power supply (higher power on request)
Current *	0,1 mA max
Arc and Short-circuit protection	Yes
Safety Interlock	Yes
Voltage Accuracy	± 2%
Voltage Stability	0,01% per 8h
Regulatory Approvals	Compliant to 2004/108/EC EMC Directive Compliant to 2006/95/EC Low Voltage Directive

\* Fully customizable features

## ORDERING DETAILS

Product code EF020

Standard Options:

E-Fiber Single Power Supply	EF020-HV4P
E-Fiber Dual Power Supply	EF020-HV4D

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