

# LabSmith uEP01-300 Electrophoresis Power Module

## Specifications

- Compact size
- Fully programmable
- Fully-independent multi-channel control
- Constant voltage, current, or power (automatic crossover)
- Easily interfaced with uProcess™ of microfluidic products



actual size

Specifications	Maximum	Minimum Step Size
Output Voltage	300 V	10 mV
Output Current	0.3 A	10 $\mu$ A
Output Power	15 W	10 mW
Type of output	constant voltage, constant current, or constant power with automated crossover; constant temperature or pressure modes available with uProcess pressure (uPS) or temperature (uTS) sensors	
Output terminals	1 pair tip jacks with dynamic polarity switching and floating	
Multi-channel Support	multiple modules can be controlled together for fully-independent multi-channel control	
Programmable methods	fully programmable with unlimited steps	
Timer control	fully adjustable in 1 ms intervals	
Software Interface	complete experimental control via uProcess™ software	
Housing material	black ABS	
Size	8.1 cm x 1.9 cm x 2.8 cm (3.2" x .75" x 1.1")	
Electrical connection	2.00 mm pitch, 20 pin, dual row receptacle	

Accessories	
EIB200	for control of uEP01-300 power supply and other uProcess devices; includes uProcess™ software, LabVIEW™ drivers, and SDK (C++, C#, Python)
uProcess breadboard	uPB-05, uPB-08, uPB-12, or iBB optional platform for mounting uEP01-300 power supply, EIB200, and other microfluidic devices

Contact us for more information

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