

## ENDURO™ Power Supplies

The ENDURO power supplies meet a wide range of applications for DNA, RNA and protein electrophoresis as well as blotting. Designed with safety in mind, they are loaded with features that today's applications demand. 4 models are available to meet your needs. Operating modes depending on model include constant voltage, current or wattage all with automatic crossover.

Operational parameters are easy to set using the membrane keypad and are displayed digitally on the large backlit LCD. The large display is visible from across the laboratory. The Model 250V allows 10 steps per program and the 500V provides 6 steps per program. Four sets of color coded output terminals allow multiple gels to be run simultaneously except in the Mini which allows 2 sets gels at once. In the event of a power failure, the ENDURO units have an automatic recovery feature to maintain the previous settings.

The Mini 300V Power supply has an optional Power Stack. This combination rack and power source allows you to ergonomically stack 3 units only using one plug on the lab bench while providing optimal air flow around power supplies.



CE  
CSA Compliant

SPECIFICATIONS	Model 300V	Model 250V
Output voltage/range/increments	2-300V/1V	5-250-V/1V
Output current range/increments	4-500mA/1mA	10-3,000mA/10mA
Output power range/increments	90W max/na	1-300W/1W
Timer	1 min – 999 min. or continuous	1 min – 999 min. or continuous
Programmable	No	Yes, 10 steps/program, 20 program memory
Dimensions	19 x 25 x 8 cm	19 x 25 x 8 cm
Weight	4.8 lbs/2.2 kg	5.5 lbs/2.5 kg
Input voltage	120-230V	120V-230
SPECIFICATIONS	Model 500V	Model Mini 300V
Output voltage/range/increments	5-500V/1V	10-300V/1V
Output current range/increments	1-800mA/1mA	10-400mA/1mA
Output power range/increments	300W/1W	60W
Timer	1 min – 9999 minutes or continuous	1 min - 99 hr 59 min or continuous
Programmable	6 steps/30 programmable files	No
Dimensions	19 x 30.5 x 9.5 cm	15.6 x 21.2 x 8.4 cm
Weight	5.5 lbs/2.5 kg	2.5 lbs/1.141 kg
Input voltage	100V ~240V	100-240V

CAT NO.	DESCRIPTION
E0303*	ENDURO Model 300V
E0203*	ENDURO Model 250V
E0500*	ENDURO Model 500V
E0304*	ENDURO Model Mini 300V
E0304-R	ENDURO PowerStack
E0304-BUN*	ENDURO mini power supply and powerstack bundle, includes two mini power supplies

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\*To order 230V units add -230V to the end of the catalog number. 230V units include EU and UK power cords.

## ENDURO™ Power Supplies selection guide

	Gel Size (W x L x H)	# of Gels	Start Run				End Run				Run Time	Power Supply				
			Voltage	CST	Current	CST	Voltage	CST	Current	CST						
<b>SDS-PAGE, SECOND-DIMENSION 2D</b>																
VE10	80 x 85 x 1 mm	2-4	200v	✓	120- 240mA					200v	✓	120mA			40-60 min	E0303, E0304, E0500, E0203
VE20	160 x 175 x 1 mm	2-4	100v		35mA	✓				350v		35mA	✓		5 hr. max.	E0500
<b>DNA RESTRICTION ANALYSIS</b>																
E1007-7	70 x 70 x 5 mm	1	80v	✓	40mA					80v	✓	45mA			45 - 60 min	E0303, E0304, E0500, E0203
E1007-10	71 x 70 x 5 mm	1	80v	✓	40mA					80v	✓	45mA			45 - 60 min	E0303, E0304, E0500, E0203
E1010-10	100 x 100 x 5 mm	1	90v	✓	50mA					95v	✓	55mA			45 - 60 min	E0303, E0304, E0500, E0203
E1015-10	100 x 150 x 5 mm	1	90v	✓	50mA					95v	✓	55mA			45 - 60 min	E0303, E0304, E0500, E0203
E1015-15	150 x 150 x 5 mm	1	90-150v	✓	50 - 80mA					90-150v	✓	55 - 90mA			60 - 90 min	E0303, E0304, E0500, E0203
E1020-20	200 x 200 x 5 mm	1	100- 150v	✓	50 - 80mA					100- 150v	✓	55 - 90mA			60 - 90 min	E0303, E0304, E0500, E0203
<b>HIGH THROUGHPUT DNA ELECTROPHORESIS (HORIZONTAL)</b>																
E1010-9611	100 x 120 x 5 mm		70v	✓	40					80v	✓	45mA			30-45 min	E0303, E0304, E0500, E0203
<b>WESTERN BLOTTING</b>																
E2010-BT	80 x 85 x 1 mm	4	100v		250mA					100v	✓	400mA			2 hr.	E0303, E0304, E0500, E0203
E2020-TB	160 x 175 x 1 mm	4	50 / 100v	✓	150 - 250 /1000mA	✓				50 / 100v	✓	150 - 250 /1000mA	✓		5-20hr / 1-5hr	E0203
E2020-SDB (semi-dry)	200 x 200 x 2/5 mm	1 lg 4 sm	75v	✓	1200mA					75v	✓	1200mA			15 - 30 min	E0203

\*CST=Constant