

EPS 300 Power Supply

Data File

Versatility

The EPS 300 power supply is an outstanding choice for submarine and vertical gel electrophoresis—even standard size vertical gels. With a current rating of 400 mA, it is also suitable for some blotting applications. It can be operated in constant voltage or constant current modes with automatic crossover. Parameter increment resolution of 1 mA and 1 V provides precise and reproducible settings for reproducible results.

Simple Operation

Operating parameters are easy to set with the membrane key pad. Voltage, current, and elapsed time can be viewed on the easy-to-read LED display at any time by touching a key. Multiple units can be stacked to save bench space.

Safety Certified

EPS 300 is designed to meet the requirements of the Low Voltage Directive (LVD) 73/23/EEC and the EMC Directive 89/336/EEC. For your safety, we recommend using high voltage leads with 4 mm connectors with fixed insulating sheaths.

Ordering Information

EPS 300 Power Supply

18-1123-97



EPS 300 Power Supply

- ◆ 5-300 V, 10-400 mA, 80 W
- ◆ Constant voltage or current mode, automatic crossover
- ◆ 1 minute to 24 hour timer or continuous run
- ◆ Single unit increment resolution
- ◆ Certified to international safety standards
- ◆ Versatile and economical



Amersham
Biosciences

Applications Guide

Application	AmershamBiosciences Electrophoresis Unit	Suitability
Standard SDS-PAGE	SE 400/SE 600 Series	■
Mini SDS-PAGE	SE 200 Series	■
High Volume SDS-PAGE	IsoDAL T (10 gels)	□
Nucleic Acid Submarine	HE Series	■
Nucleic Acid Submarine	GNA Series	■
Western Blotting (Mini-Tank)	TE 22	■
Western Blotting (Standard Tank)	TE 42/TE 62 Series	□
Western Blotting (Semidry)	TE 70 Series	■

(■ = recommended, □ = can be used, voltage or current may be limiting in some cases.)

Specifications

Output range

Voltage	5-300 V in 1 V steps
Current	10-400 mA in 1 mA steps
Power	80 W maximum

Timer 1 minute - 24 hours or continuous, in 1 minute steps

Type of output Constant voltage or current with automatic crossover

Safety certifications CE 89/336/EEC (EMC Directive)
CE 73/23/EEC (LVD Directive)
EN61010-1 (IEC1010-1, UL3101-1, CSA22.2 1010-1)

Safety features Overload / short circuit protection
Floating output
Auto resume after power failure

Output connector type 4 mm color-coded output connectors, recessed

User interface LED display
Membrane keypad

Power requirement

Mains requirements	100-120 V/220-240 V; 50/60 Hz
Power consumption	120 W maximum

Operating environment

Temperature	4-40°C
Relative humidity	0-95% noncondensing

Dimensions

(h x w x d) 9.7 x 25 x 21.5 cm

Weight 2.9 kg