
Product Specification

Product Name: EPS1500 Electrophoresis Power Supply

Product Code: EPS1500

PRODUCT DESCRIPTION:

This electrophoresis power supply delivers stable and precise electrical output for protein electrophoresis (SDS-PAGE) and Western blotting applications. Featuring selectable constant voltage or constant current modes with adjustable output settings, the unit ensures reproducible separation and transfer results across experiments. Compatible with standard vertical gel electrophoresis systems and both wet and semi-dry transfer cells, it incorporates comprehensive safety protections including automatic over-voltage, over-current, short-circuit, and leakage safeguards for reliable, worry-free operation in routine protein analysis workflows.

Item	Description
Display:	800 x 480-pixel, 5" LCD touchscreen
Weight:	3.0 kg
Dimension (W x L x H):	21 x 33.2 x 11 cm
Voltage (V):	2 - 300
Current (mA):	2 - 1500
Time (min):	0 - 999

PERFORMANCE CHARACTERISTICS

- **Versatile Output Modes:** Supports constant voltage, current, and power. Users set one primary parameter, and the system automatically calculates the others to prevent manual errors and accommodate diverse electrophoresis protocols.
- **5-Inch Ultra-Large Touch Interface:** A high-resolution LCD screen provides a comprehensive view of all operational prompts, parameters, and real-time output status.
- **Microcomputer Intelligent Control:** Powered by an embedded microcomputer for precise, programmable operation.
- **Multilingual Voice Alerts:** Features intelligent progress updates in both English and Chinese at every stage of the run.
- **Integrated Memory Storage:** Saves previous run conditions, allowing researchers to streamline workflows and ensure high reproducibility with less manual input.
- **Visual Status Indicators:** Monitor operation at a glance via an integrated breathing light strip and real-time screen displays.
- **Space-Saving Design:** Fully stackable architecture to optimize valuable laboratory bench space.

APPLICATION

Western blotting, SDS-PAGE and Nucleic acid electrophoresis