DEP-300/DEP-600/DEP-300HC

Electrophoresis power supplies

We offer user-friendly and powerful electrophoresis power supplies for gel electrophoresis, blotting, and other demanding applications. The DEP series features an LCD touchscreen interface for easy programming and supports simultaneous use of four output sockets with three operating modes: constant voltage, constant current, and constant power.

Features

- **4.3-inch LCD touchscreen:** clear menu prompts make programming and monitoring progress easy.
- **High precision:** voltage, current, and power adjustable from 0; automatic switching between constant voltage, constant current, or constant power.
- **Real-time data recording:** parameters can be saved via USB for easy experiment analysis.
- **Multi-step program storage:** supports up to 20 programs for flexible experiment setups.
- **No-load protection:** ensures special experiments at low current or voltage proceed safely.
- **Power failure recovery:** settings can be restored according to experimental needs.
- **Low-current maintenance:** prevents band diffusion or over-running in electrophoresis.
- **Comprehensive safety functions:** no-load protection, over-temperature, over-voltage, over-current, load variation protection, ground leakage detection; no-load detection can be disabled for low-current applications.
- **Anti-slip groove design:** allows stacking multiple power supplies, saving lab space and time.
- **Pop-up support feet:** adjustable screen viewing angle for user convenience.

Pop-up feet

Anti-slip groove design

Real-time data recording

Low-noise, High-efficiency cooling fan

Applications

The DEP-600 power supply covers the broadest range of applications in the market, meeting the power needs of small vertical electrophoresis, high-throughput electrophoresis, and blotting. It supports applications such as SDS-PAGE, Native-PAGE, common protein, and DNA/RNA electrophoresis.

Specifications	DEP-300	DEP-600	DEP-300HC	DEP-600HC
Display	LCD touchscreen	LCD touchscreen	LCD touchscreen	LCD touchscreen
Output Types	Constant Voltage, Constant Current, Constant Power (continuously adjustable)			
Voltage Range	0~300V	0~600V	0~300V	0~600V
Current Range	0~600mA	0~600mA	0~3000mA	0~2500mA
Power Range	0~150W	0~360W	0~400W	0~500W
Resolution	Voltage (1V), Current (1mA), Power (1W)			
Time Setting Range	1min ~ 99h59min	1min ~ 99h59min	1min ~ 99h59min	1min ~ 99h59min
Interface	USB	USB	USB	USB
Output Sockets	4 sets	4 sets	4 sets	4 sets
Voltage	100~140V/195~245V,50/60Hz		100~240V,50/60Hz	
Operating Temperature and Humidity	0°C~40°C，≤95%	0°C~40°C，≤95%	0°C~40°C，≤95%	0°C~40°C，≤95%
Dimensions (L×W×H)	310×260×115mm	310×260×115mm	310×260×115mm	310×260×115mm
Weight	1.90kg	1.96kg	2.05kg	2.05kg