



Semi-Automatic Electrophoresis Power Supply (BL-PS304)

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Semi-Automatic Electrophoresis Power Supply (BL-PS304)



Highlights

- ◆ Fully adjustable output range: 10–300 V and 1–400 mA.
- ◆ Supports constant voltage or current modes with 4 output terminals.
- ◆ 3-digit LED display and adjustable timer (1–999 minutes).
- ◆ Equipped with safety features like overload and short-circuit detection.

The Biolinkk BL-PS304 Semi-Automatic Electrophoresis Power Supply is designed for optimal performance in laboratory settings, providing a fully adjustable output range of 10–300 V in 1 V steps and 1–400 mA in 1 mA steps. It supports both constant voltage and constant current modes, making it versatile for a range of electrophoresis applications. The device is equipped with four pairs of recessed banana jack output terminals and a fully adjustable timer ranging from 1 to 999 minutes. Its Start/Stop function allows easy control during operation, while the 3-digit LED display ensures clear visibility of all essential settings. Designed to withstand operating conditions between 0–40°C and 0–90% humidity, the BL-PS304 is built for durability. Additionally, the power supply features multiple safety protections, including no-load, sudden load change, overload, and short-circuit detection, along with fuse protection on both hot and neutral inputs.



Features

- ◆ Output range: 10–300 V (1 V steps) and 1–400 mA (1 mA steps).
- ◆ Constant voltage or constant current output options.
- ◆ 4 pairs of recessed banana jack output terminals.
- ◆ 1–999 minute adjustable timer with Start/Stop function.
- ◆ 3-digit LED display for easy monitoring.
- ◆ Operating conditions: 0–40°C, 0–90% humidity (no condensation).
- ◆ Safety features: no-load detection, sudden load change detection, overload/short-circuit protection.
- ◆ Input protection: Fuse on both hot and neutral lines.
- ◆ Input power: 220 VAC/50 Hz.



Specifications

Feature	Description
Output Range	10–300 V, fully adjustable in 1 V steps, 1–400 mA, fully adjustable in 1 mA steps
Type of Output	Constant voltage or constant current
Output Terminals	4 pair recessed banana jacks in parallel
Timer	1 min–999 min, fully adjustable
Start/Stop Function	Yes
Display	3-digit LED
Operating Conditions	0–40°C, 0–90% humidity in the absence of condensation
Overload/Short-Circuit Detection	Present
Input Protection	1 Amp. Fuse on both hot and neutral
Input Power (Actual)	220 VAC/50Hz





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