

Power Multi 600T

Multifunctional Electrophoresis Instrument Power Supply



Features

- **Transparent Instrument Shell:** Provides a clear view of the internal structure for easy monitoring.
- **Automated Protein Function:** After the stacking gel phase, the power supply automatically switches to the separation gel, eliminating the need for manual resetting.
- **Temperature Control:** Continuously monitors electrophoresis temperature and activates automatic cooling when the set threshold is exceeded, preventing buffer overheating.
- **Automatic Adjustment:** Once a constant value is selected, the remaining two parameters adjust automatically, minimizing errors from manual input.
- **Microcurrent Modes:** Engages automatically after electrophoresis to prevent sample diffusion due to scheduled shutdowns and ensures sample integrity.
- **Comprehensive Safety Protections:** Includes overvoltage, arc, no-load, and load mutation monitoring; overload and short-circuit protection; leakage detection; open-circuit alarm; automatic recovery after power outages; and pause/resume functionality.
- **Multi-Tank Compatibility:** Supports four parallel connections, allowing multiple electrophoresis tanks to operate simultaneously.

Technical Specifications

Outrange	Voltage: 5-600V; Current: 1-1200mA; Power: 1-500W
Output Type	Constant voltage, constant current, constant power
Resolution	Voltage: 1V; Current: 1mA; Power: 1W
Temperature Detection	1-100°C; real-time monitoring of electrophoresis temperature and automatic cooling after exceeding the set temperature to ensure that the buffer does not overheat
Timing range	1 min – 99 h 59 min, fully adjustable
Programmable	Programmable storage of 10 methods, each method contains up to 10 steps
Max Runs	Four groups in parallel
Safety Features	Overvoltage, arc, no-load and load mutation monitoring; overload/short circuit monitoring; leakage protection, open circuit alarm
Recovery Function	Automatic recovery after power outage, pause/resume function
Weight	2.8 Kg
Footprint	308 × 242 × 100mm (L × W × H)
Ordering Information	Catalogue No.: 316002

For further information, please contact the Aperbio office nearest you or visit our website at aperbio.com

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