Power Supply

Cat No: PS-M-300

MOLEQULE-ON®

Description

The power supply PS‑M‑300 by MOLEQULE-ON offers nearly twice the current and power as compare to the other similar range machines in the market. The PS‑M‑300 is absolutely acceptable to use with all MOLEQULE-ON horizontal tubs systems as well as 2 gels and 4 gels PAGE mini vertical units. It may also be adapted for specialist techniques including the Comet Assay, and clinical and high throughput horizontal electrophoresis. The PS‑M‑300 is control by microprocessor and have four sets of power terminals that allow simultaneous operation of as many electrophoresis units either at a constant voltage or current setting, while the timer function may be set continuously or up to a maximum 999 minutes when an alarm sounds to signify termination of the run. A user-friendly interface houses a conspicuous 3-digit LED to aid set up, as well as a convenient 'pause/resume' key, a particularly useful feature during extended runs when it is necessary to access the gel tank to monitor buffer levels and sample migration. The high specification and remarkable versatility of PS‑M‑300 is relatively inexpensive, and have benefits from additional features.

Features

➢ A stackable design
➢ Rigorous in-built safety mechanisms
➢ Automatic crossover
➢ Dual voltage compatibility

Specifications

Volt	2-300V
Current	1-700mA
Power	150W
Resolution	1V / 1mA
Type of output	Constant voltage or constant current
Automatic crossover	Yes
Timer	1-999 min. with alarm; Continuous
Pause/resume function	Yes
Display	3-digit LED
Automatic recovery after power failure	Yes
Safety features	No-load detection; sudden load change detection; overload detection; ground-leak detection; over- voltage, current & temperature protection; maximum power output detection; shrouded plugs and sockets
Operating conditions	Ambient-40°C; ≤95% humidity
Stackable	Yes
Number of output jacks	4 sets in parallel
Regulatory conformity	EN-61010-1; CE
Voltage	100-240 VAC
Construction	Flame retardant ABS-plate design with aluminium base
Dimensions (w x d x h)	190x305x95mm
Weight	2.5Kg