EZEE POWERpro

NEW



POWERpro electrophoresis power supplies with category-leading specifications and value







Cleaver SCIENTIFIC

PP/7/2017

POWERpro

Electrophoresis Power Supplies



Combining excellent specification, peformance, reliability with unparalleled value

3AMP

- Perfect for vertical Electrophoresis using omniPAGE Maxi.
- Blotting using omniBLOT and semi-dry blotters.

At 300V, 3000mA, 300W, the PowerPro 3AMP is designed for virtually all high current electrophoresis applications.

The PowerPro 3AMP's higher current output capability is perfect for electroblotting units with high-intensity plate electrodes, particularly Cleaver Scientific omniBLOT maxi, VS20 WAVE and semi dry blotting systems. Electrotransfers may be performed as timed runs in constant or programmable mode to prevent overheating and buffer depletion. A run time extendable to a maximum 999 minutes in constant mode is also useful for overnight transfers undertaken at constant low current in wire electrode systems. The PowerPro 3AMP shares the built-in protocol and constant parameter features of the other PowerPro models.

A 2.4" LCD Screen displays the current running parameters and allows the user to browse pre-set and saved protocols. The PowerPro 3AMP can be operated at constant voltage, constant current or constant power and can store up to 30 programmes with up to 6 steps each. The convenient pause/resume key allows any run to be temporarily halted for inspection of the gel and restarted from the same position.

300V

- Routine horizontal electrophoresis using multiSUB Mini, Midi and Choice.
- Vertical Electrophoresis using omniPAGE Mini.

The PowerPro 300 is a versatile multi-function power supply suitable for a wide range of electrophoresis applications.

At 300V, 700mA and 150W the PowerPro 300 has nearly twice the current and power of the market leading equivalent unit. Perfectly suited for use with Cleaver Scientific's multiSUB range of horizontal electrophoresis systems and omniPAGE Mini vertical electrophoresis systems. The PowerPro 300 even has built in pre-set protocols from running each of Cleaver Scientific's electrophoresis systems, and allows users to create and save protocols for their own systems.

A 2.4" LCD Screen displays the current running parameters and allows the user to browse pre-set and saved protocols. The PowerPro 300 can be operated at constant voltage, constant current or constant power and can store up to 30 programmes with up to 6 steps each. The convenient pause/resume key allows any run to be temporarily halted for inspection of the gel and restarted from the same position.

500V

- Routine horizontal electrophoresis using multiSUB Mini, Midi and Choice.
- Vertical Electrophoresis using omniPAGE Mini.
- Cleaver Scientific DGGE.
- Vertical Electrophoresis using omniPAGE Maxi

With a maximum 500V, 800mA and 300W voltage, current and power output, the PowerPro 500 is an excellent general-purpose power supply that fits the broadest range of electrophoresis applications.

It can run as many as four units under a constant or programmable setting and has the capacity to store up to 30 programmed files, each with 6 steps. This makes the PowerPro 500 perfect for techniques that benefit from subtle and gradual stepwise changes in the electrical parameters as the run progresses, such as DGGE and large format vertical PAGE using Cleaver Scientific VS20-DGGE and WAVE systems. The PowerPro 500 even has built in pre-set protocols from running each of Cleaver Scientific's electrophoresis systems, and allows users to create and save protocols for their own systems.

A 2.4" LCD Screen displays the current running parameters and allows the user to browse pre-set and saved protocols. The PowerPro 500 can be operated at constant voltage, constant current or constant power. The convenient pause/resume key allows any run to be temporarily halted for inspection of the gel and restarted from the same position.

SPECIFICATIONS

Cat. No.	POWERPRO300	POWERPRO500	POWERPRO3AMP
Display	2.4"LCD	2.4"LCD	2.4"LCD
Output voltage / Inc.	5 - 300V / 1V	5 - 500V / 1V	5 - 300V / 1V
Output current / Inc.	1 - 700mA / 1mA	1 - 800mA / 1mA	10 - 3000mA / 10mA
Output power / Inc.	150W / 1W	300W / 1W	300W / 1W
Output type	——— Constant voltage / Current / Power ———		
Program	——— Pre setting; Up to 6-step, 30 programmed files ———		
Timer	——— Constant mode:9999 (min) with alarm ———		
Programmable mode:	——— 999 (min) with alarm ———		
Rated voltage	——— 100 - 240V ———		

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