



omniPAC Maxi CS-500V

With a maximum 500V, 800mA and 300W voltage, current and power output, the omniPAC CS-500V MAXI is an excellent general purpose power supply that fits the broadest range of electrophoresis applications, and can run as many as four units under a constant or programmable setting. Its capacity to store up to 30 programmed files, each with 6 steps, makes the CS-500V 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's VS20-DGGE and WAVE systems. A large 2.6" LCD screen shows within 2 lines the real-time values of the electrical parameters during the run, along with the program file and individual step in operation, enabling the user to appraise the entire run at a single glance. The CS-500V MAXI is also equipped as standard with many features associated with the omniPAC MIDI, including timer and alarm, 'pause / resume' functionality, a stackable design and enhanced in-built safety features.

omniPAC Maxi CS-3AMP

At 300V, 3000mA, 300W, the omniPAC MAXI CS-3AMP is designed for virtually all high current electrophoresis applications. The CS-3AMP's higher current output capability is perfect for electroblotting units with high-intensity plate electrodes, particularly Cleaver Scientific's 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, although a run time extendable to a maximum 9999 minutes in constant mode also favours overnight transfers undertaken at constant low current in wire electrode systems. The two-line 2.6" LCD screen allows the experimental parameters, program file and step to be viewed within a single screen during each run, while the CS-3AMP's four power terminals and robust current and power outputs make it suitable for high throughput SDS-PAGE using multiple vertical systems. The CS-3AMP shares the same standard features as the omniPAGE MAXI CS-500V.

Consort Power Supplies

All Consort Maxi Series (EV200) power supplies have four output terminals for up to four simultaneous runs. Powerful microprocessor control allows complex programming, while manual mode permits the setting of voltage, current, power and time for routine electrophoretic runs. The parameters may also be changed temporarily without interrupting the run.

Programming – up to 9 different programs, each with 9 steps, can be stored in the non-volatile memory for future recall.

Timer – can be set to automatically terminate the run and sound an alarm when the allocated time or volt hours has elapsed.

Automatic cross-over – each model has constant voltage, constant current and constant power capabilities with automatic cross-over while showing which parameter is kept constant.

Automatic recovery after mains failure – after restoration of power, the instrument will automatically continue the run for the remaining time.

Data Transfer – optional data acquisition/control software for PC is available to visualise and examine the stored run details, store and program the methods, add notes to the run, identify the unit, copy or delete programs in the unit's memory.

Safety precautions – the AC line is automatically disconnected from the high voltage transformer when a ground leakage path is detected protecting the user from potential shock. Other safety features include protection against any overload including accidental short circuit of the output and voltage increases smoothly.



Consort Mini EV245

The Consort Mini EV245 power supply is ideally suited for use with small electrophoresis systems. It occupies little space within the laboratory, is portable and has several other features:-

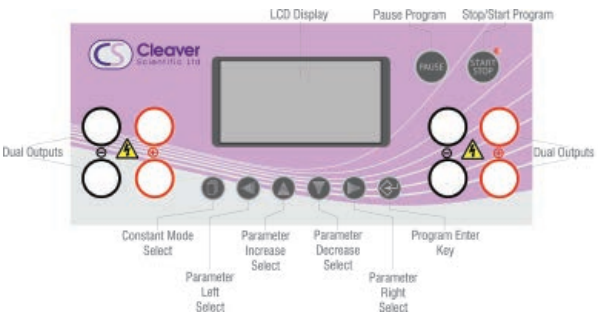
Manual Set-up – voltage, current and power settings can be adjusted during the run.

Voltage ramp – this allows a linear voltage gradient for any step to be programmed at any step.

Automatic recovery after power failure.

3 output terminals.

The EV245 also benefits from 9 different programs, each with 9 steps; data-logging and data transfer to a PC, and PC remote control.



ORDERING INFORMATION	
CS-500V	omniPAC MAXI Power Supply, 500V, 800mA, 300W – 100-240VAC
CS-3AMP	omniPAC MAXI Power Supply, 300V, 300mA, 300W – 100-240VAC

OUTPUT SPECIFICATIONS		
	CS-500V	CS-3AMP
Voltage	5-500V	5-300V
Current	1-800mA	10-3000mA
Power	300W max.	300W max.

TECHNICAL SPECIFICATIONS		
	Consort Maxi	Consort Mini
Timer	0-99.99 hours	0-99.99 hours
Programs	9 of 9 sets each	EV222: 1 set EV243: 9 of 9 sets each
Outputs	4 in parallel, 4mm sockets	3 in parallel, 4mm sockets
Resolution	1V, 1mA, 1W	1V, 1mA, 1W
Dimensions	31 x 26 x 15cm (w x l x h)	24 x 20 x 13cm (w x l x h)
Weight	10kg max.	3kg max.

ORDERING INFORMATION				
EV245	Consort Power Supply	400 V	300 mA	50 watts
EV231	Consort Power Supply	300 V	1000 mA	150 watts
EV202	Consort Power Supply	300 V	2000 mA	300 watts
EV265	Consort Power Supply	600 V	500 mA	150 watts
EV261	Consort Power Supply	600 V	1000 mA	300 watts
EV215	Consort Power Supply	1200 V	500 mA	300 watts
EV233	Consort Power Supply	3000 V	300 mA	300 watts
EV262	Consort Power Supply	6000 V	150 mA	300 watts
For 110V add \$ to stock code.				

TYPICAL APPLICATIONS

More advanced programmable power supplies with increased voltage, power and current

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TYPICAL APPLICATIONS

Suitable for powering different gel tanks depending on size

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