

nanoPAC-300 & 500 Power Supplies

The nanoPAC Mini Power supplies are an ultra compact and economic unit ideal for use with DNA (Horizontal) and Protein (Vertical) electrophoresis systems.

With enhanced features, such as a maximum constant voltage up to 300 or 500V and maximum constant current output of 400mA the nanoPAC's are capable of running all Cleaver Scientific horizontal multiSUB™ systems and vertical omniPAGE™ mini. The nanoPAC-500 is also capable of running the VS10W & VS20WAVE vertical units, as well as horizontal and vertical gel tanks from other manufacturers, These can be set on a continuous run or timed setting up to 999 minutes. The nanoPAC's user-friendly interface is easily adjustable in 1V and 1mA increments, making it perfect for separations where precise settings are required. Its ultra compact size and two pairs of parallel power terminals, which can run two electrophoresis units simultaneously, save time and bench space.

ORDERING INFORMATION

nanoPAC-300	Mini Power supply, 300V, 400mA, 60W - 100-240VAC
nanoPAC-500	Mini Power supply, 500V, 400mA, 120W - 100-240VAC

FEATURES:

- Highly visible LED display
- 300Volts, 400mAmps, 60 Watts For DNA & Protein
- 500Volts, 400mAmps, 120 Watts For DNA & Protein
- Electrophoresis Enhanced in-built safety features Alarm function
- Easy maintenance and cleaning

OUTPUT SPECIFICATIONS

Order No.	nanoPAC-300	nanoPAC-500
Output Voltage / Inc.	0-300V /1V	10 - 500V / 1V
Output Current / Inc.	10 - 400mA / 1mA	
Output Power	60W	120W
Output Type	Constant voltage or constant current	
Control	Microprocessor controller	
Terminal Pairs	2 Pairs	
Timer	1-999 minutes with alarm or continuous	
Safety Device	No load detection; shrouded plugs and sockets	
Unit Dimension (W x L x H)	140 x 191 x 84mm	
Weight	Approx. 1 kg	
Rated Voltage	Universal, 100 - 240V	

TYPICAL APPLICATIONS

NanoPAC-300 - Suitable for running all Cleaver Horizontal Gel tanks and the CVS10 Mini Vertical. NanoPAC-500 - as above but also larger vertical systems such as VS20WAVE.

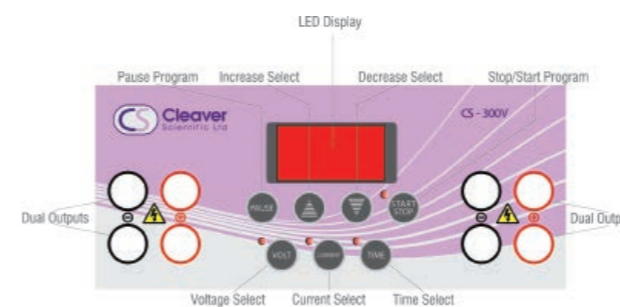
VISIT WWW.CLEAVERSCIENTIFIC.CO.UK
OR CALL +44 (0) 1788 565300
FOR MORE INFORMATION



omniPAC Midi CS-300V

With nearly twice the current and power of the market leader's equivalent unit, at 700mA and 150W, the CS-300V offers a specification comparable to any midi power supply presently available on the market. The CS-300V is perfectly suited to use with all Cleaver Scientific horizontal multiSUB™ systems and omniPAGE mini vertical gel units, and may also be adapted for specialist techniques including the Comet Assay, and clinical and high throughput horizontal electrophoresis. Microprocessor control with four sets of power terminals 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. Given its high specification and remarkable versatility the CS-300V is relatively inexpensive, and benefits from additional features such as:

- a stackable design;
- rigorous in-built safety mechanisms;
- automatic crossover;
- dual voltage compatibility.



ORDERING INFORMATION

CS-300V	omniPAC MIDI Power Supply, 300V, 700mA, 150W – 100-240VAC
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OUTPUT SPECIFICATIONS

Voltage	2-300V
Current	1-700mA
Power	150W max.

TYPICAL APPLICATIONS

General Laboratory power supply ideal for DNA gels and mini protein electrophoresis and blotting.

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