

# Mini Pro 300V / 500V Power Supply

## MINI-300 MINI-500

Featuring in small size and versatility, the newly designed Mini Pro 300V / 500V Power Supply are ideal choices for any researchers. Capable of providing constant voltage or current in 1V or 1mA increment, the unit is perfectly suitable to run both vertical polyacrylamide or horizontal agarose gel electrophoresis experiments. Continuous or timed operation can be easily set up using the simple and user-friendly interface. Moreover, the upgraded 2 step programmable function is more practical for protein electrophoresis. Mini Pro 300V and 500V both feature 2 electrode pairs, allowing 2 gels to be run simultaneously, saving both time and valuable bench space. With an universal voltage rating, Mini Pro 300V and 500V are also designed and constructed to the most rigorous safety standards. Package including single or dual horizontal electrophoresis system and mini vertical electrophoresis system are excellent choices for educational or person lab purposes.

### Features

- Constant voltage or constant current operation
- 1V increment voltage control; 1mA increment current control
- Max 300V, 400mA and 60W for Mini Pro 300V
- Max 500V, 400mA and 120W for Mini Pro 500V
- Two pairs of outlet terminals
- Timer with alarm function
- Safety device
- Compact size and lightweight
- Competitive pricing choice
- Packages with midi sized horizontal electrophoresis systems and vertical electrophoresis systems
- 2 step programmable control



MINI-300



MINI-500



2 step programmable control

## Specifications

| Cat. No.                                                                                                                                                | MINI-300                                                                                                          | MINI-500                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Output Voltage / Inc.                                                                                                                                   | Step1: 10 - 300V / 1V<br>Step2: 10 - 300V / 1V                                                                    | Step1: 10 - 500V / 1V<br>Step2: 10 - 500V / 1V                                                                    |
| Output Current / Inc.                                                                                                                                   | Step1: 10 - 400mA / 1mA<br>Step2: 10 - 400mA / 1mA                                                                | Step1: 1 - 400mA / 1mA<br>Step2: 1 - 400mA / 1mA                                                                  |
| Power                                                                                                                                                   | 60W                                                                                                               | 120W                                                                                                              |
| Output Type                                                                                                                                             | Constant voltage or constant current                                                                              |                                                                                                                   |
| Control                                                                                                                                                 | Microprocessor controller                                                                                         |                                                                                                                   |
| Terminal Pairs                                                                                                                                          | 2 pairs                                                                                                           |                                                                                                                   |
| Timer                                                                                                                                                   | 999 (min) with alarm / continuous (set=0)                                                                         |                                                                                                                   |
| Safety Device                                                                                                                                           | No load detection; shrouded plugs and sockets                                                                     |                                                                                                                   |
| Operation Temperature                                                                                                                                   | 4°C - 40°C                                                                                                        |                                                                                                                   |
| Dimension (WxLxH)                                                                                                                                       | Approx. 5.5"x7.5"x3.3" (140x191x84mm)                                                                             |                                                                                                                   |
| Material                                                                                                                                                | Polycarbonate housing and aluminum base plates                                                                    |                                                                                                                   |
| Weight                                                                                                                                                  | Approx. 2.2lb (1kg)                                                                                               |                                                                                                                   |
| Rated Voltage                                                                                                                                           | 100 - 240V~, 50-60Hz, 2A                                                                                          | 100 - 240V~, 50-60Hz, 2.5A                                                                                        |
| Program                                                                                                                                                 | 2-STEP Program                                                                                                    |                                                                                                                   |
| Presetting Value                                                                                                                                        | STEP1( V: 300V ); STEP2( V: 300V )<br>STEP1( A: 16mA ); STEP2( A: 24mA )<br>STEP1( T: 15min ); STEP2( T: 120min ) | STEP1( V: 500V ); STEP2( V: 500V )<br>STEP1( A: 16mA ); STEP2( A: 24mA )<br>STEP1( T: 30min ); STEP2( T: 240min ) |
| *if time is set 0, system will keep running until user manually stops.<br>*If voltage or current is set 0 in step 2, system will not proceed to step 2. |                                                                                                                   |                                                                                                                   |

## Ordering Information

| Cat. No. | Product Description        |
|----------|----------------------------|
| MINI-300 | Mini Pro 300V Power Supply |
| MINI-500 | Mini Pro 500V Power Supply |

