

Power Supplies

Popular Digital Models

Popular digital models operates in constant voltage and constant current mode with automatic cross over between modes when preset limits are reached. As a result these power supplies can handle most of the electrophoresis applications.

Euro Model

Power supply is compact, light weight with high technology. It has 4 outlets that can operate in constant voltage and constant current mode with automatic cross over between modes when preset limits are reached. It also has digital timer. This power supply is suitable for mini & midi submarine systems and for all vertical systems.

Bangalore Genei offers power supplies for various electrophoresis techniques. The **GeNei™** Digital PS 500 Programmable Power Supply is ideal for PAGE and gel agarose electrophoresis; the Power Supply **GeNei™** Digital PS 3000 is suited for protein and nucleic acid blotting and the **GeNei™** Digital PS 100 is intended for mini vertical, submarine and rod gel electrophoresis.

High Voltage Power Supply

Bangalore Genei offers high voltage power supply **GeNei™** Digital HVPS, an imported power supply, for DNA sequencing & Isoelectric Focusing which can operate at constant voltage, constant current and constant power.

Benefits:

- Operates in constant voltage, constant current and constant power modes
- Programmable
- Automatic recovery to continue run after power failure
- Runs four gels simultaneously

Safety Features Include:

- Overload protection
- Short circuit protection
- Ground leakage detection

Specifications:

| | |
|----------------|---|
| Output voltage | : 30 V to 3000 V DC |
| Output current | : 2-150 mA |
| Output Power | : 2-150 W |
| Timer | : 0.01...99.59 mins. 0.01 to 99.99 kvh |
| Programmes | : 9 programmes |
| Weight | : 5 kg |
| Dimensions | : 30x12x18 cm |
| Display | : LCD |

Specifications:

- LED display of voltage and current.
- Can run two gels simultaneously
- Unit can operate in constant voltage and constant current modes, with separate controls for setting voltage and current. Automatic switch over between constant voltage and constant current modes.
- Input AC voltage 220V \pm 10%
- Has suitable protection against high voltage, short circuit and overload.
- In built voltage stabilizer.
- Accuracy : \pm 3 V and \pm 3 mA

Fixed Voltage Power Supply

The **GeNei™** PS 100 and **GeNei™** PS 200 are fixed voltage power supplies which can be used with electrophoresis systems. **GeNei™** PS 100 is suitable for mini electrophoresis system. **GeNei™** PS 200 can be used for submarine electrophoresis system: analytical model.

Programmable Power Supply

Description: Programmable power supply is made out of powder coated heavy guage MS body. Power supply can store five programmes. Front panel is provided with feather touch keys to increase, decrease and to programme the voltage and current. Power supply is provided with integration timer to complete the cycle incase of power failure.

Technical Specification:

| | |
|-------------------|-------------------------|
| Output Voltage | 500V (variable) |
| Output Current | 500mA (variable) |
| Output Power | 90 Watts |
| Timer | 0-60min/hour/Continuous |
| Display | Digital (LCD) |
| No.Of Programmes | 5 |
| Weight | 3Kgs.Approx. |
| Dimensions(LxWxH) | 110mmX235mmX240mm |
| Input Power | 230V,50Hz,A.C.Supply |

Highlights:

- Operates in constant voltage or in constant current
- Automatic recovery to continue run after power failure
- Runs two gels simultaneously
- No load sense