

**Infitek**

## ELECTROPHORESIS POWER SUPPLY



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# Power Supply for Universal Electrophoresis Apparatus

## GEP-PH-600C

Suitable for electrophoresis of common protein and nucleic acid, suitable for one machine with multiple channels.

### Features



- ◆ Display screen: 7-inch super-large touch screen, convenient touch operation, automatic generation of numeric keypad during setting, display of clock timing temperature operation status and various prompt operations.
- ◆ Step by step storage: 10 programs can be edited and saved, and each program can be run in 10 steps.
- ◆ Protection function: overcurrent, overload, overtemperature, no-load short-circuit load sudden change protection function
- ◆ Micro-current: The micro-current output can be kept when no one shuts down after the scheduled operation.
- ◆ Automatic setting: when one of the constant voltage, current and power indexes, the other two indexes will automatically rise to the maximum value, without artificial adjustment.
- ◆ Appearance: The appearance is tall, full of sense of technology.

### Specifications

Model	GEP-PH-600C
Parallel output	4 groups
Input range	110~250 V is suitable for different countries and regions.
Output range	5~600v (1V), 1~600mA (1mA), 5~300w (1W)
Output type	Constant voltage, constant current and constant power are continuously adjustable, stable and reliable.
Resolution	voltage (1V), current (1mA) and power (1W)
Timing range	1 minute ~99 hours and 59 minutes
Testing temperature	-20 C ~ +85 C
Overall dimensions (W*D*H)	300* 300* 130mm

# High Pressure Electrophoresis Apparatus

## GEP-PH-ECP3000



### Features

- LCA display with backlight (128\*64 pixels)
- Microprocessor intelligent control has:
- Overload, no-load, leakage and other protection functions
- It can store 10 commonly used electrophoresis programs
- Automatic memory function
- Standard running function
- Automatic judgment function
- Constant voltage, constant current, and constant power intelligent prompt

### Application

This product is suitable for large and medium-sized horizontal and vertical electrophoresis, sequencing (SSR, AFLP molecular markers),bidirectional, isoelectric focusing and other common electrophoresis.

### Specifications

Model	GEP-PH-ECP3000
Parallel output	4 groups
Output range	20~3000V, 1~200mA, 1~200W
Output range	constant voltage, constant current, constant power continuously adjustable
Resolution	voltage 1V, current 1mA, power 1W
Timing range	1 minute~99 hours and 59 minutes

# Mini Basic Electrophoresis Apparatus

GEP-PH-300



## The scope of application is wide

Suitable for different input voltage requirements around the world.

Suitable for a variety of horizontal, vertical, imprinting transfer electrophoresis experiments.

## Specifications

Model	GEP-PH-300
Output voltage	10~300V (continuously adjustable)
Accuracy&Error	±1V
Output current	4~400mA (continuously adjustable)
Accuracy&Error	±1mA
Output	100W (max)
Timing	1~999min (adjustable)
Package Dimension (W*D*H) (mm)	320*320*220
G.W.(kg)	2

## Basic parameters



### Reliable work and stable performance

HT-300 basic electrophoresis apparatus

Adopt advanced microcomputer control power supply design scheme.

Good stability, light weight and small heat dissipation.

Effectively improve service life.



### Beautiful appearance, fastening and durability

The latest design scheme is smooth and compact.

High strength material injection molding, impact resistance, corrosion resistance and aging resistance.

New flame retardant materials, reaching the international standard.

Silicone rubber operation keys, comfortable hand feeling and aging resistance.



### Powerful and easy to operate

Constant voltage and constant current arbitrary switching

0~999 minutes timing function

Automatic detection and error reporting of various fault phenomena

Setting parameters is simple and quick.

You can bring four identical electrophoresis tanks at a time.

# Power Supply for Universal Electrophoresis Apparatus

## GEP-PH-600D

### Use

Suitable for electrophoresis of common protein and nucleic acid, suitable for one machine with multiple channels.



### Specifications

Model	GEP-PH-600D
Parallel output	4 groups
Input range	110~250 V is suitable for different countries and regions.
Output range	5~600v (1V), 1~1200mA (1mA), 5~500w (1W)
Output type	Constant voltage, constant current and constant power are continuously adjustable, stable and reliable.
Resolution	voltage (1V), current (1mA) and power (1W)
Timing range	1 minute ~99 hours and 59 minutes
Testing temperature	-20℃ ~ +85℃
Overall dimensions (W*D*H)	300* 300* 130mm

### Features

#### Display screen:

7-inch super-large touch screen, convenient touch operation, automatic generation of numeric keypad during setting, display of clock timing temperature operation status and various prompt operations.

#### Step by step storage:

10 programs can be edited and saved, and each program can be run in 10 steps.

#### Protection function:

Overcurrent, overload, overtemperature, no-load short-circuit load sudden change protection function

#### Automatic setting:

When one of the constant voltage, current and power indexes, the other two indexes will automatically rise to the maximum value, without artificial adjustment.

#### Micro-current:

The micro-current output can be kept when no one shuts down after the scheduled operation.

#### Appearance:

The appearance is tall, full of sense of technology.