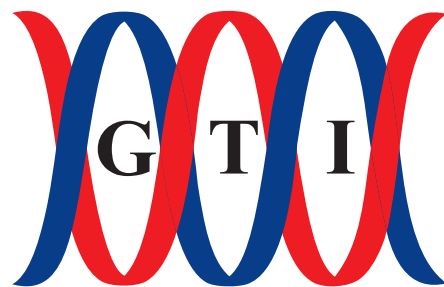


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# GTI -DC Power Supply

## Instruction Manual

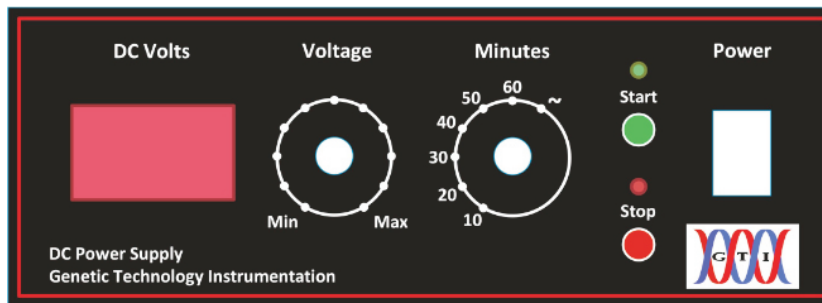


Genetic Technology Instrumentation

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Electrophoresis is used for the separation of DNA, RNA, or other charged molecules like proteins by an electric current applied to a matrix. Most routine electrophoresis applications require voltage ranging from 70 - 235 volts. GTI- DC Power Supply is designed to operate in this range.



### **Operation:**

1. Turn the unit on
2. Press the stop (red) button if the start light (green) is on.
3. Adjust the required time by turning the timer switch clockwise. Each click position represents 10 minutes. Time can be set from 10 minutes to one hour. Setting at “~” position sets the timer to infinity.
4. Connect the electrophoresis unit through the output terminals on the backside of the unit. The red terminal is for positive and the black terminal is for negative.
5. Press the start (green) button to start the power supply.
6. Adjust voltage by turning the voltage control switch clockwise.
7. In case of power interruption the timer is reset to “off” position and the supply should be restarted manually.
8. An appropriate UPS may be used for un - interrupted function.

### **Specifications:**

Adjustable DC output from 50 - 235 volts

Current rating up to 2A

Digital voltage display

Adjustable timer in steps of 10 minutes (10 minutes to infinity)

Two sets of output terminals

Suitable for PAGE, Agarose gel and Cellulose Acetate Membrane Electrophoresis