

SPECIFICATIONS

High Voltage Power Supplies (refer to page 2 for models)

- Type Output:** Constant Voltage, Constant Watts or Constant Milliamps with automatic crossover
- Maximum Voltage:** 2000 – 6000 Volts, (depending on model)
- Maximum Current:** 200 – 600 Milliamps (depending on model)
- Maximum Power:** 200 – 300 Watts (depending on model)
- Regulation:** ≤ 1%
- Accuracy:** ± 1.5% full scale for each display
- Number of Output Terminals:** Four recessed sets of 4 mm sockets
- Safety Interlock:** Load sensing shut-down-on-disconnect. D.C. Output On key actuation necessary to begin voltage generation. In the event of shutdown due to power interruption, automatic restart is provided.

Timer: 00 to 99 hrs. 59 min.

Ground Leakage: Leakage of 400 microamps or more will interrupt the generation of high voltage.

Input Power: 115 VAC/60 Hz./400 W

230 VAC/50 Hz./400 W

Ambient Operating Temperature Range: 0 ° – 30 °C (non-condensing atmosphere)

Dimensions: 11.25" (D) x 12.6" (W) x 5" (H)
28.6 cm x 32 cm x 12.7 cm

Weight: net: 15.4 lbs. 7 kgs.
shipping: 17 lbs. 7.7 kgs.

BASIC OPERATING INSTRUCTIONS

(See fold out locator on last page)

Operation in

Constant Voltage:

1. The electrophoresis chamber should first be set up, then filled with buffer and sample, before plugging the chamber's leads into the appropriate positive and negative 4 mm sockets (14) on the power supply.

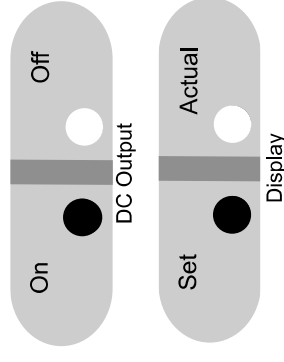
NOTE: An alternative procedure favored by some users is as follows:

Sample is withheld from the chamber until the power supply has been properly adjusted and successfully started. Once the user has confirmed that the chamber and power supply are both functional, the power supply is turned off and sample is loaded. The power supply will remember its settings, so it can be turned on and started without further adjustment.

Locator Number
14



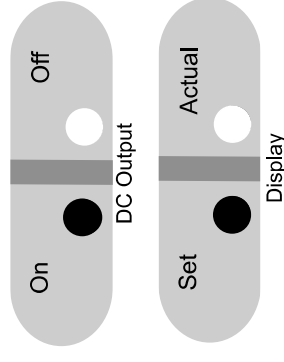
22, 21,
17, 3,
5, 7, 10



19, 18

2. Switch on the power supply using the Power On/Off switch (22). The main power switch is marked with a 1 to indicate on and a 0 to indicate off. Once on, the Green D.C. Output Off light (21) and Yellow Actual Display light (17) will be illuminated. The Volts display (3), Milliamps display (5) and Watts display (7) will all indicate zero. The Time display (10) will indicate zero as well.
3. Gently press the Set Display key (19). The actual switch itself is located in the grey area located immediately below the word "Set" in the Set Display key. When pressed, there will be a tactile sensation, the power supply will beep and the Yellow Set Display (18) light will be illuminated. Each key on

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