K20 POWER SUPPLY

Programming

1. **Sebia MG 300** is a programmable power supply, with multiple modes. Sebia recommends using the **constant voltage mode**. It is only necessary to program in the desired voltage and migration time using this program. All other parameters should be set to maximum accepted values. .
2. Turn power supply on. (Switch is on the back panel, right side).
3. First **Sebia MG 300**, will flash, then **PROG: 1**, **1** will be flashing.
4. Input the desired program (1-6). Select **VALID** to begin customizing each programs parameters. (**Note: Once each program is customized, the parameter settings will be stored in memory**). To utilize the temporary program, press **CE** followed by **VALID**. Enter values of each parameter. At least one migration parameter (V, I or P) must be entered and one duration parameter (T or VH). (**Note:** This temporary program will be lost with a power down of system).
5. The curser will be on **V** by default. To change voltage, enter desired voltage, press **VALID**. (See table below for parameter description).

Parameter	Description	Maximum Value
V	Constant Voltage	300 V
I[1]	Initial Current	200 mA
T	Migration Time	999 min
P	Power	60 W
VH	Volt-hour	9999

[1] The value of I should be multiplied by the number of gels when using constant current mode.

6. Pressing **VALID** will advance curser to next parameter. To move backward to previous parameter or screen press **ESC**.
7. When satisfied with all parameters select **VALID**. A **<<C>>** will appear in the upper left hand corner of the screen.
8. Press **STOP/PAUSE** to save new parameters. Pressing START will save the new parameters and immediately start the migration.

Selecting Program

1. Turn power supply on.
2. Select desired program (1-6). Press **VALID**.
3. Confirm all parameters are correct.
4. Ensure chamber is plugged in, select **START**. A flashing <<*>> will appear on the left of the screen.

See Power Supply MG 300/500 instruction manual for further information.