

Scie-Plas Mini Units



4-way adaptor



Scie-Plas Mini Power Supplies are ideal for use with small horizontal agarose gel electrophoresis tanks. They are compact, lightweight, single outlet power supplies designed for applications requiring up to 125 volts/200mA and 200 volts/100mA. Both operate in constant voltage mode and are adjustable in 25 volt increments. The operating current is displayed in milliamps on the LCD front panel. A 4-way output adaptor allows up to four gels to be run simultaneously (of equal voltages) from the one supply.

- Compact and lightweight
- Economical
- LCD display
- 4-way adaptor converts units from single to four power outputs.

Technical Specifications

Dimensions (W x L x H)	MPSU-125	19.6 x 13.9 x 7.8cm
	MPSU-200	19.6 x 13.9 x 7.8cm
Voltage	MPSU-125	25 - 125V
	MPSU-200	25 - 200V
Current	MPSU-125	0 - 200mA
	MPSU-200	0 - 100mA
Power	MPSU-125	25W (max)
	MPSU-200	20W (max)
Outputs	MPSU-125	1
	MPSU-200	1

Ordering Information

125 Volt, 200 mAmp Mini Power Supply	* MPSU-125/200
200 Volt, 100 mAmp Mini Power Supply	* MPSU-200/100
Four Output Adaptor	MPSU-PA4

* For 110 VAC models, please indicate by adding suffix 'A' to the ordering code

Power Supply Accessories



In the past, the researcher has encountered compatibility problems with purchasing electrophoresis equipment from different Life Science companies. This is because manufacturers fit power connectors to their electrophoresis equipment and power output sockets to their power supplies which are compatible with each other but not necessarily compatible with equipment manufactured by other companies.

Scie-Plas Ltd have reviewed this problem from the researchers point of view and come up with two solutions which completely iradicate any compatibility conflicts.

Firstly, all Scie-Plas power supplies are fitted with ubiquitous power outlet sockets, specifically designed to accommodate all the different types of power connector. These are of two types:

- 1) Standard 4mm power output sockets which are fitted to power supplies of low to mid range voltages used in standard electrophoresis procedures.
- 2) High Voltage 2mm power output sockets which are fitted to E832, E833 and E862 power supplies of high voltages used in DNA sequencing procedures.

Electrophoresis units and sequencers from other Life Science companies plug directly into Scie-Plas standard and high voltage power supplies.

Secondly, to make Scie-Plas electrophoresis units compatible with non-Scie-Plas power supplies, 3 different types of adaptor can be purchased.

The complete compatibility of Scie Plas units and power supplies give the researcher the confidence to purchase lab equipment from Scie-Plas with the knowledge that compatibility conflicts will not render any of their equipment unusable.

User Replaceable Cables are also available with either 2mm or 4mm connectors.

- 4/4MMA adapters connect standard voltage electrophoresis units to all low to mid range voltage power supplies with 4mm output sockets.
- 4/2MMA adapters connect standard voltage electrophoresis units to all high voltage power supplies with 2mm output sockets
- 2/4MMA adapters connect Sequencers to most low to mid range voltage power supplies with 4mm output sockets

Ordering Information

4mm Shrouded 4mm Fixed Plug, pk/2	4/4MMA
4mm Fixed to 2mm Fixed Plug, pk/2	4/2MMA
2mm Fixed to 4mm Retractable Plug, pk/2	2/4MMA
2 x 1metre power leads, with 2mm connectors	CABLE-2
2 x 1metre power leads, with 4mm connectors	CABLE-4

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Consort Mini Units

The three Consort Mini Power Supplies are designed to cover the range of voltages and currents generally used with small electrophoresis units.

The voltage and current can be adjusted at any time during a run. They are displayed as bright, easy to read digits on a large display.

To increase safety to users, none of the outlets are directly wired to earth, and the output connections are deeply recessed. Other safety features include full protection against both overload and accidental short circuit.



- Small, portable and safe
- Overload Protection
- Short Circuit Protection

Ordering Information

150 Volt, 150 mAmp, 25 Watts Power Supply	* E122
300 Volt, 150 mAmp, 25 Watts Power Supply	* E132
400 Volt, 250 mAmp, 50 Watts Power Supply	* E143

* For 110 VAC models, please indicate by adding suffix '-A' to the ordering code

Technical Specifications

Dimensions (W x L x H)	All models	15 x 20 x 12cm
Outputs	All models	3

Consort Maxi Units

The Consort Maxi Power supplies cover a wide range of voltages and currents. Eleven different models are available which offers the researcher the widest choice of current and voltage combinations.

Each model is fully programmable, with up to nine different programs permanently stored at any one time. Each of these programs can have up to nine parameters so that very complex, multiple step techniques can be easily programmed and stored. All models can be set to automatically terminate and optionally sound an alarm after a set time or volt-hour has elapsed.

All models enable runs at constant voltage, current and power with automatic crossover. Models E832, E833 and E862 are fitted with high voltage 2mm output sockets. These are especially for use with high voltage DNA sequencers which are fitted with 2mm connectors. Standard voltage electrophoresis equipment can be connected to these power supplies by using adaptor 4/2MMA.

For more information on adapters see page 34.



- Constant voltage, current or power
- Automatic crossover
- Overload Protection
- Short Circuit Protection

Ordering Information

300 Volt, 500 mAmp, 150 Watts Power Supply	* E835
300 Volt, 1000 mAmp, 150 Watts Power Supply	* E831
300 Volt, 2000 mAmp, 300 Watts Power Supply	* E802
400 Volt, 400 mAmp, 80 Watts Power Supply	* E844
600 Volt, 250 mAmp, 150 Watts Power Supply	* E863
600 Volt, 500 mAmp, 150 Watts Power Supply	* E865
600 Volt, 1000 mAmp, 300 Watts Power Supply	* E861
1200 Volt, 500 mAmp, 300 Watts Power Supply	* E815
3000 Volt, 150 mAmp, 150 Watts Power Supply	* E832
3000 Volt, 300 mAmp, 300 Watts Power Supply	* E833
6000 Volt, 150 mAmp, 300 Watts Power Supply	* E862

* For 110 VAC models, please indicate by adding suffix '-A' to the ordering code

Technical Specifications

Dimensions (W x L x H)	All models	30 x 28 x 12cm
Timer	All models	0 - 99.99 mins
Programs	All models	9 sets
Outputs	All models	4