

MODEL PF1053 HIGH VOLTAGE POWER SUPPLY

Bench-top High Voltage Power Supply for Laboratory Applications

Model PF1053 is a solid-state, bench-top High Voltage Power Supply that can provide an output of up to +/- 3 kV dc and 1 mA. The output polarity can be set to negative or positive via the front panel switch. This model offers high precision and stability in a compact, economical package which makes it ideal for many laboratory applications.

Standard Features

The Model PF1053 High Voltage Power Supply is easy to install and operate. Standard features include:

- Front panel mounted output voltage display
- 90-240 V ac input voltage
- Overload and short-circuit protected
- Front panel mounted voltage adjustment
- SHV output connector
- All solid-state design
- Positive or Negative polarity
- Exceptional stability
- Low ripple < 0.05%
- Compact design
- Low Cost

Optional Features

The PF1053 can be supplied with an optional RS232 or IEEE 488 input/output port to provide remote control capability. Accessory SHV to SHV 72" cable is available (P/N 50068).



Applications

- Channeltron
- Electron Multipliers
- Microchannel Plate Detectors
- Discrete Dynode Detectors
- Photomultiplier Tubes
- Mass Spectrometry
- Analytical Instrumentation
- Geiger Tubes
- Proportional Counters

Model PF1053 CHANNELTRON® and Photomultiplier Tube Power Supply

Specifications	
Dimensions	6"(L) x 5.25" (W) x 3" (H)
Input Voltage	90 to 240 V ac
Output Voltage	0 to 3 kV dc
Output Current	0 to 1 mA
Output Polarity	Positive or Negative
Ripple	< 0.05%
Stability	< 0.5% / 24 hours
Line Regulation	0.05%
Load Regulation	0.05%
Output	SHV Connector



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