

Bench-top High Voltage Power Supply for Laboratory Applications

Applications

- ✓ Channeltron®
- ✓ Electron multipliers
- ✓ Microchannel plate detectors
- ✓ Discrete dynode detectors
- ✓ Photomultiplier tubes
- ✓ Mass spectrometry
- ✓ Analytical instrumentation
- ✓ Geiger tubes
- ✓ Proportional counters

Features

- ✓ 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



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.

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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