

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.

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).

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



The information furnished is believed to be accurate and reliable, but is not guaranteed and is subject to change without notice. No liability is assumed by PHOTONIS for its use. Performance data represents typical characteristics as individual product performance may vary. Customers should verify that they have the most current PHOTONIS product information before placing orders. No claims or warranties are made as to the application of PHOTONIS products. Pictures may not be considered as contractually binding. This document may not be reproduced, in whole or in part, without the prior written consent of PHOTONIS.