

**Aumictech**

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Data Sheet

August 15, 2026

BURLE

Burle PF1043 Photomultiplier Power Supply Assembly

Burle PF1043 Photomultiplier Power Supply Assembly Queue model PF1043 is the Burle PF1043 photomultiplier power supply assembly. Remaining-queue title states photomultiplier power supply assembly. Burle (formerly RCA phototube) PMT supplies provide regulated high voltage for photomultiplier tubes. Exact output kilovolts, polarity, and current are on the PF1043 nameplate. Photomultiplier-tube high-voltage bias in scintillation, spectroscopy, and photon-counting setups that specify Burle PF1043. Instrument Type: photomultiplier power supply assembly Queue model PF1043 is the Burle PF1043 photomultiplier power supply assembly. Remaining-queue title states photomultiplier power supply assembly. Burle (formerly RCA phototube) PMT supplies provide regulated high voltage for photomultiplier tubes. Exact output kilovolts, polarity, and current are on the PF1043 nameplate. Photomultiplier-tube high-voltage bias in scintillation, spectroscopy, and photon-counting setups that specify Burle PF1043. Instrument Type: photomultiplier power supply assembly



MODEL

Burle PF1043

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PF1043

LISTING

<https://aumictechlabs.com/products/pf1043-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Burle PF1043 is a compact, solid-state power supply assembly designed for use with side-window photomultiplier tubes, such as the 931A. It incorporates an integral voltage-divider

network and a tube socket, simplifying integration into systems requiring photomultiplier detection. This power supply is engineered to deliver stable voltage and current outputs, crucial for the optimal performance and longevity of sensitive electronic components.

Technical Specifications

- * **Product Name:** Burle PF1043 Power Supply Assembly
- * **Manufacturer:** Burle
- * **Model Number:** PF1043
- * **Intended Use:** Power supply for side-window photomultiplier tubes
- * **Integration:** Features an integral voltage-divider network and tube socket
- * **Design:** Compact, solid-state construction
- * **Electrical Characteristics**
 - * **Input Voltage:** A variable DC voltage between 0 to 10 volts is required for operation.
 - * **Output Voltage:** The high voltage output is proportional to the DC input. Specific output voltage capabilities are not detailed in the provided information, but comparable Burle models can supply up to 1500 volts.
 - * **Voltage Divider:** Incorporates an integral voltage-divider network with an approximate resistance of 5 megohms.
 - * **Capacitors:** Does not include by-pass capacitors.
- * **Interfaces**
 - * **Tube Socket:** Includes an integral socket designed to fit all 28 mm (1-1/8") diameter, 9-stage, side-window photomultipliers with small-shell submagnal bases.
- * **Physical Characteristics**
 - * **Dimensions:** Described as small and compact. Specific dimensions are not provided.
 - * **Construction:** Solid-state design.
- * **Compatibility**
 - * **Photomultiplier Tubes:** Specifically designed for use with side-window photomultiplier tubes, including but not limited to the Burle 931A model.

Why Choose Aumictech for Burle PF1043 Power Supply Assembly? At Aumictech, we specialize in supplying photodetector instrumentation equipment. Whether you need reliable power solutions for your photomultiplier applications, seamless integration with your existing systems, or compact and stable power supplies, our team ensures the Burle PF1043 Power Supply Assembly delivers maximum performance for your application.

PF1043 Characteristics / Specifications

PARAMETER	VALUE
Model	PF1043
Instrument Type	photomultiplier power supply assembly
Manufacturer	Burle
Literature	Burle PF1043 photomultiplier power supply assembly listing
Family	Burle PMT high-voltage supplies
Form Factor	photomultiplier power supply assembly
System Role	photomultiplier power supply assembly
Brand Lineage	Burle RCA phototube
Queue Title	Burle PF1043 Photomultiplier Power Supply Assembly
Documentation Type	OEM PF1043 listing
Use Case	Photomultiplier-tube high-voltage bias in scintillation, spectroscopy, and photon-counting setups that specify Burle PF1043
Vendor Path	Burle
Year Class	PF1043 generation
Application Class	photomultiplier power supply assembly
Module Class	photomultiplier power supply assembly
Host Class	instrument host per drawing
Connector Class	HV connector on the PF1043 drawing
Ate Class	PMT bias
Control Class	PF1043 front panel / firmware
Environment Class	ambient on the PF1043 sheet
Mains Class	mains on the PF1043 nameplate
Voltage Class	volts on the PF1043 nameplate
Current Class	amperes on the PF1043 nameplate
Polarity Class	polarity on the PF1043 nameplate

PARAMETER	VALUE
Ripple Class	ripple on the PF1043 sheet

PF1043 Specifications

PARAMETER	VALUE
Burle PF1043 Photomultiplier Power Supply Assembly	Overview
Applications	Photomultiplier-tube high-voltage bias in scintillation, spectroscopy, and photon-counting setups that specify Burle PF1043.
Key Features	Burle PF1043 PMT power supply assembly
Technical Specifications	Model: PF1043

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes

From remaining-queue title (Burle PF1043 photomultiplier power supply assembly). Kilovolts, polarity, and current are on the PF1043 nameplate.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.