

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

FLUKE

Fluke 408B 6000V / 20mA High Voltage Power Supply

The Fluke 408B is a high-voltage DC laboratory power supply rated 6000 V / 20 mA class per the catalog listing. It is a classic Fluke high-voltage source used for insulation, photomultiplier, and other HV bench applications. Dense modern English datasheets for this exact SKU are scarce.



MODEL

Fluke 408B

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

408B

LISTING

<https://aumictechlabs.com/products/408b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke 408B is a precision DC power supply engineered for high-voltage testing, calibration, and component evaluation. It delivers 0–6000V DC at 0–20mA with $\pm 0.1\%$ accuracy on both voltage and current, supported by load regulation better than 0.01% and ripple/noise below 1V RMS. The instrument combines silicon transistor amplifier circuitry with a vacuum tube series passing element, delivering approximately 120W output power. Voltage and current are set via four decade switches and vernier potentiometer, with manual or remote control options. A front-panel selector allows positive or negative output terminal grounding. Over-voltage and over-current protection safeguard the unit and connected equipment. A time-delay relay extends high-voltage tube life. The 408B accommodates both benchtop and 19-inch rack mounting, featuring rubber feet for bench stability and designed for adequate cooling at high ambient temperatures.

without forced-air cooling. Its compact, lightweight construction suits integration into test laboratories and field environments.

Features & description

From manufacturer datasheet

Features

• High-voltage low-current DC supply • Catalog rating 6000 V / 20 mA • Benchtop Fluke HV supply form factor

Applications

• High-voltage DC bias and insulation test stimulus • Photomultiplier and detector HV supply • Lab HV source to 6 kV class at low current

408B Characteristics / Specifications

PARAMETER	VALUE
Model	408B
Manufacturer	Fluke
Instrument Type	High Voltage Power Supply
Alias	408B; Fluke 408B
Voltage	0 to 6000 V
Current	0 to 20 mA
Power class	120 W Notes Voltage/current follow the catalog designation (6000 V / 20 mA). Confirm polarity, metering, and safety interlocks on the faceplate and manual shipped with the unit.

408B Specifications

PARAMETER	VALUE
Fluke 408B High Voltage Power Supply	Overview
Key Features	- High-voltage low-current DC supply
Technical Specifications	Model: 408B

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

Specifications

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Specifications

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Voltage	0 to 6000 V
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Power class	120 W

Notes
Voltage/current follow the catalog designation (6000 V / 20 mA). Confirm polarity, metering, and safety interlocks on the faceplate and manual shipped with the unit.

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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.