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Data Sheet

August 15, 2026

FISHER SCIENTIFIC / BIOTECH

Fisher Biotech 7803B Electrophoresis Power Supply

Fisher Biotech 7803B Electrophoresis Power Supply Board FB1000 Queue model 7803B is the power-supply board in the Fisher Biotech FB1000 electrophoresis power supply. OEM FB1000 manual rates 5 to 1000 VDC at 250 W max, 1 to 500 mA at 250 W max, ripple plus or minus 1 percent, drift plus or minus 1 percent after 30-minute warm-up, mains 85 to 265 VAC 50/60 Hz 350 VA max, constant voltage/current/power with automatic crossover, one to four electrophoresis cells in parallel, timed run 0 to 99 hour 59 minute and 0 to 9999 volt-hour, large LCD, automatic completion after power loss if enabled. Artisan lists 7803B as the FB1000 power supply board, 3 lb class. Queue model 7803B is the power-supply board in the Fisher Biotech FB1000 electrophoresis power supply. OEM FB1000 manual rates 5 to 1000 VDC at 250 W max, 1 to 500 mA at 250 W max, ripple plus or minus 1 percent, drift plus or minus 1 percent after 30-minute warm-up, mains 85 to 265 VAC 50/60 Hz 350 VA max, constant voltage/current/power with automatic crossover, one to four electrophoresis cells in parallel, timed run 0 to 99 hour 59 minute and 0 to 9999 volt-hour, large LCD, automatic completion after power loss if enabled. Artisan lists 7803B as the FB1000 power supply board, 3 lb class. Constant-V/I/P electrophoresis of one to four cells with volt-hour and timed runs, using the 7803B power board in the FB1000.

**MODEL****Fisher Scientific /
Biotech 7803B****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****7803B****LISTING**[https://aumictechlabs.c
om/products/7803b-2/](https://aumictechlabs.com/products/7803b-2/)

NIST-traceable cal

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30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fisher Scientific/Biotech 7803B power supply board is a critical component in scientific instruments, responsible for converting AC power from the mains into the various DC voltage levels required by the internal circuitry. This board can provide stable and reliable power, crucial for the accurate and consistent operation of laboratory equipment. Featuring solid construction and carefully selected components, the 7803B ensures efficient power delivery and protection against voltage fluctuations, overcurrent, and short circuits. Its integration into a system helps to maintain the integrity of experimental data and the longevity of the connected devices.

7803B Characteristics / Specifications

PARAMETER	VALUE
Model	7803B
Host Instrument	Fisher Biotech FB1000 electrophoresis power supply
Instrument Type	electrophoresis power supply board
Voltage Range	5 to 1000 VDC, 250 W maximum
Current Range	1 to 500 mA, 250 W maximum
Power Rating	250 W total output
Ripple	plus or minus 1 percent
Drift	plus or minus 1 percent after 30-minute warm-up
Mains	85 to 265 VAC, 50 to 60 Hz, 350 VA maximum
Modes	constant voltage, constant current, constant power
Crossover	automatic control-mode crossover at user or supply limits
Cell Count	one to four electrophoresis cells in parallel
Timed Run	0 to 99 hour 59 minute
Volt Hour	0 to 9999 volt-hour
Display	large LCD
Power Loss	automatic completion after power loss if enabled
Ship Weight Class	3 lb (Artisan 7803B board)
Manufacturer	Fisher Scientific / Biotech
Literature	Fisher Biotech FB1000 electrophoresis power supply user manual; Artisan 7803B board identity
Family	FB1000 electrophoresis supplies
Form Factor	internal power supply board of FB1000
System Role	electrophoresis HV/current/power source
Application Class	gel electrophoresis
Brand Lineage	Fisher Biotech
Control Class	manual and programmed modes

PARAMETER	VALUE
Protection	automatic limit-parameter takeover to protect cells

7803B Specifications

PARAMETER	VALUE
Applications	Constant-V/I/P electrophoresis of one to four cells with volt-hour and timed runs, using the 7803B power board in the FB1000.
Key Features	5 to 1000 VDC, 1 to 500 mA, 250 W
Four parallel cell outputs	0 to 99:59 timed and 0 to 9999 volt-hour
Technical Specifications	Model: 7803B

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 Fisher Biotech FB1000 user manual (5 to 1000 VDC, 1 to 500 mA, 250 W, plus or minus 1 percent ripple/drift, 85 to 265 VAC 350 VA) with 7803B identified as the FB1000 power board. Connector pinout is on the 7803B board drawing.

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.