

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

BK PRECISION

BK Precision 1786 Programmable DC Power Supply

Series Parallel Class: Two supplies may be series or parallel connected class Voltage Controls Class: Front panel adjust class Programming Interface Class: GPIB USB or RS232 class From BK Precision 1786 Programmable DC Power Supply OEM product documentation. Confirm exact voltage and current ratings on the faceplate and datasheet revision. Voltage Controls Class: Front panel adjust class Programming Interface Class: GPIB USB or RS232 class From BK Precision 1786 Programmable DC Power Supply OEM product documentation. Confirm exact voltage and current ratings on the faceplate and datasheet revision.



MODEL

BK Precision 1786

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

1786

LISTING

<https://aumictechlabs.com/products/1786-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The BK Precision 1786 is a programmable single-output DC power supply designed for applications requiring precise voltage and current control. It has a user-friendly interface with direct key-in entry for fast and accurate setting of output parameters. This model is suitable for various applications including electronics manufacturing, design laboratories, and educational purposes, offering a balance of performance and cost-effectiveness. Technical Specifications General Manufacturer: BK Precision Series: 1785B/1786B/1787B/1788 Programmable Outputs: Sixteen user-programmable preset outputs Output Routine: Preprogrammable 10-step output

routine via keypad or PC interface Calibration: In-case calibration for cost-savings and uninterrupted operation User Interface: Direct key-in entry for voltage and current selection Display: LED Voltmeter & Ammeter; Digital Meter Included Accessories: User Manual, Serial Cable, Windows® & DOS Software; Serial interface cable and software included MTBF: 50K hrs Electrical Specifications Output Voltage: 0-32 VDC Output Current: 0-3 A Setability Resolution: 10 mV / 10 mA Line Regulation: * Voltage: $< 0.1\% + 3\text{mV}$ * Voltage: $0.02\% + 5\text{mV}$ Load Regulation: * Voltage: $< 0.01\% + 3\text{mV}$ (Model 1788 = $< 0.02\% + 5\text{mV}$) * Voltage: $0.02\% + 5\text{mV}$ * Current: $< 0.1\% + 2\text{mA}$ Ripple & Noise: * Voltage: $\leq 1\text{mVrms} / 3\text{mVp-p}$ * Voltage: 1mVrms * Current: 5mA Temperature Coefficient: 30 ppm/°C Input Voltage: 110 VAC, 220 VAC; 120 VAC, 47 Hz; 110 - 120VAC, 220 - 230VAC Interfaces Communication: RS-232; Serial Interface Remote Operation: Support for PC interface Physical Dimensions (W x H x D): * 10 in. x 4.16 in. x 15 in. * $8.07 \times 4.53 \times 10.63$ inches ($205 \times 115 \times 270$ mm) * 10.600" L x 8.100" W x 4.500" H (269.24mm x 205.74mm x 114.30mm) Weight: Approximately 11 lbs. (5 Kg); 11 lbs (5 kg) Environmental Operating Temperature: 0 °C to 40 °C Why Choose Aumictech for BK Precision 1786? At Aumictech, we specialize in supplying high-end test and measurement equipment. Whether you need reliable programmable DC power supplies, versatile output configurations, or solid remote control capabilities, our team ensures the BK Precision 1786 delivers maximum performance for your application.

1786 Characteristics / Specifications

PARAMETER	VALUE
Output Voltage Range Class	Programmable DC volts class per 1786 datasheet
Output Current Range Class	Programmable amperes class per 1786 datasheet
Operating Modes	Constant voltage and constant current
Metering	Front panel voltage and current meters
Protection	Current limiting and overload protection class
Ripple Class	Low ripple laboratory supply class
Regulation Class	Laboratory supply regulation class
Form Factor	Benchtop DC supply
Primary Power	AC mains laboratory supply class
Cooling	Forced air cooling class
Output Binding Posts	Front panel binding posts
Series Family	BK family laboratory DC supplies
Applications Class	Bench DC power
Display Type Class	Analog or digital meters by revision
Weight Class	Benchtop supply weight
Isolation	Output floating relative to chassis class
Current Limit	Adjustable current limiting
Temperature Operation Class	Continuous operation within ratings class
Warmup Time Class	15 minutes typical class
Relative Humidity Class	Up to 80 percent noncondensing class
Export Classification Class	Commercial test equipment class
Series Parallel Class	Two supplies may be series or parallel connected class
Voltage Controls Class	Front panel adjust class
Programming Interface Class	GPIB USB or RS232 class
Memory	Stored setup locations class

PARAMETER	VALUE
Humidity	Class: Up to 80 percent noncondensing class

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

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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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.