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Data Sheet
August 12, 2026

STANFORD RESEARCH

Stanford Research PS325 – High Voltage Power Supply

Stanford Research High Voltage Power Supplies. Voltage: 0–5 kV DC, Current: 0–20 mA, Accuracy: ±1% of setting ±1% FS.

MODEL	CALIBRATION
Stanford Research PS325	Available on request
CONDITION	**STATUS**
Used	In stock
RFQ / SKU	**LISTING**
PS325	https://aumictechlabs.com/products/ps325-2/

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Stanford Research PS325 is a programmable high-voltage DC power supply engineered for laboratory research, sensitive instrumentation, and component testing. It delivers 0–5 kV DC at up to 20 mA with exceptional stability and low noise, making it ideal for precision experiments requiring tight voltage regulation and minimal ripple.Technical Specifications Output Performance Voltage: 0–5 kV DC Current: 0–20 mA Line Regulation: <0.001% FS (±10% input change) Load Regulation: <0.005% FS (0–100% load) Ripple & Noise: <10 mV peak-to-peak (typical <5 mV) Accuracy: ±1% of setting ±1% FS Setting Resolution: 0.1% FS Temperature Coefficient: <50 ppm/°C Input: 100–120 VAC or 200–240 VAC, 50/60 Hz (selectable) Input Power: <200 VA maximum Control & Protection Front-panel voltage adjustment with continuous control Analog programming: 0–5 V input for voltage and current Analog monitoring: 0–5 V output for voltage and current Interlock input for external safety shutdown Overcurrent, overvoltage (adjustable), short-circuit, and thermal protectionKey Features Rack-mountable 19-inch form factor (3.5 × 19 × 13 inches; 9

kg) BNC connectors for analog control and monitoring DB-9 interlock connector Forced-air cooling for continuous operation Output ON/OFF switch with dual voltage/current displayTypical Applications High-voltage component testing and characterization Laboratory research requiring stable kV-level excitation Electrostatic deflection and acceleration experiments Sensor and detector bias suppliesCompatibility & Integration Analog programming interfaces support external control via 0–5 V signals. The interlock connector enables safe integration into automated test systems with external shutdown capability. Operates across standard 100–240 VAC mains with <200 VA consumption.

Features & description

From manufacturer datasheet

Technical Specifications

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Stanford Research PS325 — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Stanford Research PS325. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values Request Calibration → Request Repair Quote →

Stanford Research PS325 price

This Stanford Research PS325 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Stanford Research PS325 calibration cost

NIST-traceable calibration for the Stanford Research PS325 is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Turnaround is 1 to 3 business days after receipt. See full calibration details →

Applications

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Unit notes

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PS325 Specifications

PARAMETER	VALUE
Voltage / Current Range	0-20 mA, 0-5 kV DC

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.

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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
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https://aumictechlabs.com

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