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Data Sheet

August 5, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) N5770A DC Power Supply, 150 V, 10 A, 1500 W, Programmable

Keysight (Agilent) N5770A DC Power Supply, 150 V, 10 A, 1500 W, Programmable The Keysight N5770A is an N5700 Series system DC power supply rated 150 V / 10 A / 1500 W in compact 1U package. Universal AC input; GPIB/LAN/USB/LXI; built-in V/I measurement. System DC bias; 150 V rail testing; ATE rack integration in 1U. The Keysight N5770A is an N5700 Series system DC power supply rated 150 V / 10 A / 1500 W in compact 1U package. Universal AC input; GPIB/LAN/USB/LXI; built-in V/I measurement. System DC bias; 150 V rail testing; ATE rack integration in 1U.



MODEL

**Keysight / Agilent
N5770A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N5770A

LISTING

<https://aumictechlabs.com/products/n5770a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight N5770A is a 1500 W programmable DC power supply engineered for automated test equipment (ATE) systems requiring stable, precision power delivery. It has a single output capable of 150 V and 10 A with CV/CC operation, front-panel and remote control via GPIB, LAN, or USB, and output ripple as low as 12 mVrms. The compact 1U rack-mount form factor enables high power density with efficient front-to-back airflow for direct stacking. Technical Specifications Output: 0–150 V, 0–10 A, 1500 W single output Ripple and noise: 12 mVrms Built-in voltage and current measurement Over-voltage, over-current, and over-temperature protection Constant

voltage/constant current operation AC input: 85–265 VAC, 47–63 Hz, universal worldwide operation Power factor correction: Typically 0.99 15 programmable states with independent remote enable/disableKey Features Compact 1U high, 19-inch wide rack-mount chassis works with stacking Front-panel rotary encoders with lockable controls for voltage and current adjustment LXI Class C compliance with built-in web server for remote monitoring and control IVI-COM drivers and SCPI command support for test automation Series and parallel operation: Stack up to 4 units for higher power output Standard interfaces: GPIB, LAN, USB Analog/resistance control for voltage and current configurationTypical Applications ATE system integration in aerospace/defense, automotive, and communications industries requiring high-power DC rails with programmable control and rapid state switching.Compatibility & Integration Parallel and series operation enables multi-unit configurations. Universal AC input (100/200 VAC selectable, 47–63 Hz) eliminates regional power concerns. DB25 connector interface with included strain relief and shield assembly. Includes unterminated US power cord (12 AWG, 3-wire, 8 ft).

Features & description

From manufacturer datasheet

Features

• 150 V / 10 A / 1,500 W • 1U; universal AC 85–265 Vac • Interfaces: GPIB, LAN, USB, LXI Class C • CV ripple: 100 mV p-p / 12 mV rms • OVP/OCP

N5770A Characteristics / Specifications

PARAMETER	VALUE
Model	N5770A
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	System DC Power Supply
Family	N5700 Series (1500 W)
Alias	N5770A DC Output Ratings
Voltage	0 to 150 V; Current: 0 to 10 A; Power: 1,500 W Output Ripple and Noise
Time	≤ 2 ms AC Input 85–265 Vac; 47–63 Hz; PF 0.99 at rated power Operational Notes Prefer Keysight N5700 Series datasheet 5989-1330.
Interfaces	GPIB, LAN, USB, LXI Class C
CV ripple	100 mV p-p / 12 mV rms

N5770A Specifications

PARAMETER	VALUE
Applications	System DC bias; 150 V rail testing; ATE rack integration in 1U.
Key Features	- 150 V / 10 A / 1,500 W
Technical Specifications	Model: N5770A
DC Output Ratings	Voltage: 0 to 150 V; Current: 0 to 10 A; Power: 1,500 W
Output Ripple and Noise	CV p-p: 100 mV; CV rms: 12 mV
Load Effect	Voltage: 17 mV; Current: 7 mA
Programming Accuracy	Voltage: 0.05% + 75 mV; Current: 0.1% + 10 mA
Measurement Accuracy	Voltage: 0.1% + 150 mV; Current: 0.1% + 30 mA
Load Transient Recovery	Time: ≤ 2 ms
AC Input	85–265 Vac; 47–63 Hz; PF 0.99 at rated power
Operational Notes	Prefer Keysight N5700 Series datasheet 5989-1330.

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

PARAMETER	VALUE
Model	N5770A
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	System DC Power Supply
Family	N5700 Series (1500 W)
Alias	N5770A

DC Output Ratings

Voltage: 0 to 150 V; Current: 0 to 10 A; Power: 1,500 W

Output Ripple and Noise

CV p-p: 100 mV; CV rms: 12 mV

Load Effect

Voltage: 17 mV; Current: 7 mA

Programming Accuracy

Voltage: 0.05% + 75 mV; Current: 0.1% + 10 mA

Measurement Accuracy

Voltage: 0.1% + 150 mV; Current: 0.1% + 30 mA

Load Transient Recovery

Time: ≤ 2 ms

AC Input

85–265 Vac; 47–63 Hz; PF 0.99 at rated power

Operational Notes

Prefer Keysight N5700 Series datasheet 5989-1330.

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.