

**Aumictech**

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Data Sheet

August 15, 2026

FARNELL

Farnell LA1000 Linear AC Power Source

The Farnell LA1000 is a linear AC power source in the Farnell laboratory-source family. OEM LA1000 listings describe a linear (not switching) AC source for instrument and product mains simulation, with adjustable output voltage and frequency class appropriate to 50/60 Hz laboratory work, analog metering, and overload protection. Companion to Farnell LT-series DC supplies in the same benches. Used where a clean linear AC waveform is required rather than a PWM inverter. Laboratory AC mains simulation and linear AC power for instruments and product test. Laboratory AC mains simulation and linear AC power for instruments and product test. Application Class: mains simulation and instrument power Literature: Farnell LA1000 linear AC source listings Control Class: front-panel voltage (and frequency where fitted)



MODEL

Farnell LA1000

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

LA1000

LISTING

<https://aumictechlabs.com/products/la1000-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Farnell LA1000 logic analyzer probe is an essential accessory for any digital electronics engineer or technician. It enables the connection of a logic analyzer to a circuit or device under test, facilitating the capture and analysis of digital signals. This probe can provide a reliable and accurate connection, ensuring signal integrity and minimizing signal distortion. With its durable construction and precise design, the LA1000 is suitable for a wide range of applications, including embedded systems development, digital circuit debugging, and hardware verification.

LA1000 Characteristics / Specifications

PARAMETER	VALUE
Model	LA1000
Instrument Type	Linear AC power source
Topology	linear (not PWM inverter)
Frequency Class	50/60 Hz laboratory AC
Metering	analog metering
Protection	overload protection
Family	Farnell LA AC sources
Manufacturer	Farnell Instruments
Form Factor	benchtop AC source
Application Class	mains simulation and instrument power
Literature	Farnell LA1000 linear AC source listings
System Role	linear AC source
Use Case	clean-mains product test
Documentation Type	OEM LA1000 listing
Sibling Dc	LT30-2 dual DC supply
Waveform Class	linear sine AC
Control Class	front-panel voltage (and frequency where fitted)
Load Class	laboratory AC load
Mains Class	single-phase
Output Class	adjustable AC voltage
Brand Lineage	Farnell Instruments
Year Class	Farnell LA linear source family
Isolation Class	isolated AC output class on LA sources
Cooling Class	convection/fan linear stage
Connector Class	front or rear AC output sockets

LA1000 Specifications

PARAMETER	VALUE
Farnell LA1000 Linear AC Power Source	Overview
Linear AC power source	Laboratory 50/60 Hz class
Technical Specifications	Model: LA1000

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 Farnell LA1000 linear AC source listings (linear topology, 50/60 Hz lab class, analog metering, overload protection). VA rating and exact voltage/frequency span are on the LA1000 nameplate/spec sheet; do not invent VA or Hz limits.

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.