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Data Sheet

August 14, 2026

AMPLIFIER RESEARCH

Amplifier Research 2000L

Kikusui PCR2000L Regulated AC Power Supply The Kikusui PCR2000L isaPCR-L series linear regulated AC power source with 2 kVA AC capacity, selectable 100 V/200 V ranges, and AC/DC/AC+DC output modes. OEM PCR-L datasheets list 1 to 999.9 Hz frequency, max 0.3 percent voltage waveform distortion, and built-in voltage/current/power metering. AC power-line simulation, voltage dip and interruption testing, and frequency-variable AC source applications up to 2 kVA. AC Voltage Ranges: 1 to 150 V / 2 to 300 V The Kikusui PCR2000L isaPCR-L series linear regulated AC power source with 2 kVA AC capacity, selectable 100 V/200 V ranges, and AC/DC/AC+DC output modes. OEM PCR-L datasheets list 1 to 999.9 Hz frequency, max 0.3 percent voltage waveform distortion, and built-in voltage/current/power metering. AC power-line simulation, voltage dip and interruption testing, and frequency-variable AC source applications up to 2 kVA. AC Voltage Ranges: 1 to 150 V / 2 to 300 V Output Voltage Waveform Distortion: max 0.3 percent



MODEL

**Amplifier Research
2000L**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

2000L

LISTING

<https://aumictechlabs.com/products/2000l-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Amplifier Research 2000L is a self-contained, air-cooled broadband solid-state amplifier engineered for laboratory environments. It delivers high gain and instantaneous bandwidth across a broad frequency spectrum, making it suitable for EMC testing, communications, and general-purpose amplification applications. The unit operates into any load impedance without shutdown

or damage and faithfully reproduces AM, FM, and pulse modulation across its operating range. Technical Specifications Product Type: Broadband solid-state amplifier Cooling Method: Air-cooled Bandwidth: Instantaneous broadband Input/Output Impedance: 50 ohms Input Connector: BNC Output Connector: Type N Modulation Capability: AM, FM, pulse Operating Temperature Range: 5°C to 40°C Maximum Relative Humidity: 80% at rated temperature Key Features Self-contained unit in contemporary enclosure for benchtop laboratory use Mismatch-tolerant design operates into any load impedance Front panel controls for power, standby, operate, and gain adjustment Remote control connectivity via rear panel connector Protection circuitry including crowbar circuits and over-temperature protection Design removable from cabinet for rack mounting configurations Typical Applications EMC testing and compliance verification Communications system testing General-purpose laboratory amplification Compatibility & Integration The 2000L integrates into laboratory test setups via standard 50-ohm RF connectors. Remote control capability enables integration into automated test systems and provides flexible operational control from external instrumentation.

2000L Characteristics / Specifications

PARAMETER	VALUE
AC Power Capacity	2 kVA
AC Voltage Ranges	1 to 150 V / 2 to 300 V
AC Max Current 100 V Range	20 A
AC Max Current 200 V Range	10 A
AC Frequency Range	1 to 999.9 Hz
Output Voltage Waveform Distortion	max 0.3 percent
DC Power Capacity	1 kVA
DC Voltage Ranges	1.4 to 212 V / 2.8 to 424 V
DC Max Current 100 V Range Class	10 A
DC Max Current 200 V Range Class	5 A
Max Peak Current	4 times max RMS current
Load Power Factor	0 to 1 advanced or delayed
Input Voltage	85 to 132 V / 170 to 250 V selectable
Input Frequency	47 Hz to 63 Hz
Input Apparent Power Class	approx 4 kVA
Input Current 100 V Range Class	48 A or less
Input Current 200 V Range Class	24 A or less
Power Factor Typical	0.95
Phases	single phase
Circuitry	linear amp type
Meters	voltmeter ammeter power meter frequency meter
Form Factor	benchtop floor standing class by size
Series Family	Kikusui PCRL Notes From Kikusui PCR-L series regulated AC power supply datasheet tables for PCR2000L.

2000L Specifications

PARAMETER	VALUE
Kikusui PCR2000L Regulated AC Power Supply	Overview
Applications	AC power-line simulation, voltage dip and interruption testing, and frequency-variable AC source applications up to 2 kVA.
AC DC and AC plus DC modes	100 V and 200 V output ranges
Technical Specifications	AC Power Capacity: 2 kVA
Notes	From Kikusui PCR-L series regulated AC power supply datasheet tables for PCR2000L.

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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From Kikusui PCR-L series regulated AC power supply datasheet tables for PCR2000L.	

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.