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Data Sheet
August 13, 2026

KIKUSUI

Kikusui PCR2000

The Kikusui PCR2000 is the 2 kVA member of the PCR AC power-source line (predecessor identity to PCR2000L / PCR2000LA). Single-phase output 1 to 150 V / 2 to 300 V at 20 A / 10 A class, 2 kVA. Frequency is widely variable (PCR-L documents 1 to 999.9 Hz; earlier PCR sheets may showanarrower band–read the faceplate). Linear-amplifier PCR generations share 0.3 percent class distortion and four-times peak current. Input is dual-range 100/200 V class at about 4 kVA apparent. Confirm whether the unit is PCR2000, PCR2000L, or PCR2000LA before quoting DC-mode currents. 2 kVA product AC test and mains simulation 2 kVA product AC test and mains simulation Service and calibration needing variable frequency/voltage Replacement search toward PCR2000L / PCR2000LA Instrument Type: Single phase AC power source

MODEL **Kikusui PCR2000**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **PCR2000**	LISTING **https://aumictechlabs.com/products/pcr2000-2/**

NIST-traceable cal · SAM registered · 30-day returns · NAICS 423690 · 811210 · 541380

This unit

The Kikusui PCR2000MA is a 2000 VA AC/DC power source delivering precise, programmable power for electronic device testing across laboratory, research, and manufacturing environments. Built on PWM inverter technology, It has compact form factor with selectable output modes AC, DC, AC+DC, EXT-AC, and EXT-DC - supporting power factors from 0 to 1. Voltage response speed reaches 60 µs with output waveform distortion below 0.5%, enabling demanding transient and

steady-state test scenarios. The unit includes onboard measurement of voltage, current, and power metrics via True RMS and peak detection, with extended analysis (apparent power, reactive power, power factor, crest factor) available through LAN or USB control. Memory storage for up to 11 test configurations enables rapid protocol switching without output interruption. Built-in web server and dual-range voltage selection (0–155 V or 0–310 V) provide flexibility for a broad spectrum of DUT requirements. Optional GPIB connectivity and analog interface board (EX08-PCR-MA) support external voltage/current command modes. Technical Specifications Output capacity: 2000 VA AC output voltage: 0–155 V / 0–310 V (selectable) DC output voltage: ±0–219 V / ±0–438 V Output frequency: 40 Hz to 500 Hz Maximum current: 20 A (155 V range), 10 A (310 V range) Peak current capability: 3× rated RMS Input voltage: 90–132 Vac / 180–264 Vac (auto-sensing) Voltage response speed: 60 µs Output waveform distortion: <0.5% Physical: 429 × 128 × 450 mm, 16 kg; bench or rack-mountable Key Features Phase angle control in AC mode; zero-cross phase-off switching Remote sensing for load-end voltage compensation 3 front-panel memory sets; 11 programmable memory areas via remote interface True RMS, peak, and average (DC) current/voltage displays Protective functions integrated LAN (LXI-compliant) and USB standard; optional GPIB Backward-compatible with PCR-M series control programs Typical Applications Power supply stress testing and margin analysis Transient response evaluation Harmonic and waveform quality assessment DC/AC power mode transition testing Compatibility & Integration LAN and USB interfaces support remote programming and data acquisition. Optional EX08-PCR-MA analog interface board enables EXT-AC and EXT-DC external command modes. Built-in web server permits browser-based control and monitoring.

PCR2000 Characteristics / Specifications

PARAMETER	VALUE
Model	PCR2000
Manufacturer	Kikusui Electronics
Instrument Type	Single phase AC power source
Series	PCR
Alias	PCR 2000; PCR2000
AC Power Capacity	2 kVA
AC Voltage Range	1 to 150 V / 2 to 300 V
AC Max Current	20 A / 10 A
Number of Phases	1
Peak Current Class	4 times max RMS on PCR-L/LA generations
Load Power Factor Class	0 to 1
Voltage Distortion Class	0.3 percent or less on PCR-L/LA
Frequency PCRLLA	1 Hz to 999.9 Hz (confirm on non-L PCR2000)
DC Mode PCRLLA	1.4 to 212 V / 2.8 to 424 V at 10 A / 5 A, 1 kW
Input Voltage Class	85 to 132 V / 170 to 250 V selectable on later PCR
Input Apparent Power Class	approx 4 kVA
Input Current Class	48 A / 24 A or less on PCR2000L/LA
Power Factor Class	typically 0.95
Circuit Method Later PCR	linear amplifier
Successor L	PCR2000L TypeCPCR-L
Successor LA	PCR2000LA PCR-LA VFD, RS-232, 0 to 50 C
Parallel LA	up to five PCR2000LA with PD03M/S
Three Phase LA	three PCR2000LA plus 3P03-PCR-LA for 6 kVA 3 ph
Meters	voltmeter, ammeter, frequency (generation dependent)
Remote	GPIB/RS-232 options by generation

PARAMETER	VALUE
Form	2 kVA PCR family AC source
Not PAD	PCR is AC; PAD is DC
Output On Off	later PCR can switch output while maintaining waveform
Operating Temperature	confirm 0-40 C (L) versus 0-50 C (LA)
Withstand Class	1.5 kV AC 1 minute family
Frequency Resolution LA	0.01 Hz (1.00 to 99.99 Hz); 0.1 Hz (100.0 to 999.9 Hz) Notes Specs from Kikusui PCR / PCR-L / PCR-LA 2 kVA column identity (20 A/10 A, 2 kVA, 150/300 V). A unit labeled only PCR2000 may lack LA DC-mode or 999.9 Hz–read the nameplate versus PCR2000L/LA.

General Specifications & Supplementary Characteristics

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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

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Manufacturer	Kikusui Electronics
Instrument Type	Single phase AC power source

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Alias	PCR 2000; PCR2000
AC Power Capacity	2 kVA

Specifications

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Specifications

PARAMETER	VALUE
Peak Current Class	4 times max RMS on PCR-L/LA generations
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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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