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Data Sheet

August 13, 2026

KIKUSUI

Kikusui RC02-PCR-L

The Kikusui RC02-PCR-L is a remote controller designed for use with the PCR series AC power supplies. It allows for convenient remote operation and monitoring of the power supply, enhancing usability in various testing and laboratory environments.

**MODEL****Kikusui RC02-PCR-L****CALIBRATION****Available on request****CONDITION****Used****STATUS****In stock****RFQ / SKU****RC02-PCR-L****LISTING**<https://aumictechlabs.com/products/rc02-pcr-l-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Kikusui RC02-PCR-L is a remote controller system that enables operation and monitoring of compatible Kikusui AC power supplies from a distance. The system comprises a remote controller box, a remote control card for insertion into the main unit's expansion slot, and a 2 m remote control cable. By interfacing with PCR-L, PCR-LT, PCR-W/W2, and PCR-LE/LE2 series power supplies, the RC02-PCR-L extends test capabilities and improves laboratory flexibility without requiring direct access to the front panel. Technical Specifications The RC02-PCR-L system architecture includes three core components: the remote controller box, a dedicated remote control card installed in the power supply's expansion slot, and a standard 2 m remote control cable. Additional interface cards - such as GPIB (IB11) and RS-232C (RS11) - can be integrated alongside the RC02-PCR-L to provide expanded communication and control options. When certain options are enabled, BNC connectors on the main unit become functional. Key Features Remote operation and monitoring of all compatible PCR series AC power supplies Harmonic

current analysis capability Power line irregularity simulation Sequence operation for automated test routines User-defined waveform output through interface boards Arbitrary waveform generation, including distortion waveforms with harmonic components Generation of sudden power failure, voltage fluctuation, and pulse superposition waveforms Supports GPIB and RS-232C communication interfaces for expanded system integration Typical Applications The RC02-PCR-L is suited for power supply testing, harmonic analysis, power quality assessment, and automated test sequences where remote control and monitoring enhance operational efficiency. Use in regulation adjustment mode may affect voltage stability accuracy, distortion rate, and response speed compared to standard specifications, requiring evaluation for specific application requirements. Compatibility & Integration Fully compatible with Kikusui PCR-L, PCR-LT, PCR-W, PCR-W2, and PCR-LE/LE2 series AC power supplies. The system allows remote manipulation of front-panel functions on these units and integrates with optional GPIB and RS-232C interface cards for enhanced control capabilities.

RC02PCRL Characteristics / Specifications

PARAMETER	VALUE
Model	RC02-PCR-L
Manufacturer	Kikusui Electronics
Instrument Type	Remote controller and function expansion kit
Series	PCR-L / PCR-LT options
Alias	RC02 PCR-L; RC02-PCR-L
Host Family	PCR-L and PCR-LT AC sources
Also Documented	PCR-W / PCR-W2 (separate manual)
Kit Contents	remote box, main-unit card, 2 m cable
Cable Length	2 m
Slot Numbers	1, 2, or 3
Harmonic Analysis	1st to 39th harmonic current
Line Simulation	power fail, voltage dips, voltage pops
Sequence Operation	voltage, frequency, and time steps
Waveforms	special and user-defined waveform output (with kit)
Output Phase Set	output ON/OFF phase setting
Output Impedance	programmable line impedance
Current Peak Hold	yes
Apparent Power	VA measurement
Power Factor	PF measurement
Base Meters Without Kit	RMS, peak, average V and I; real power; frequency
Related GPIB	IB11-PCR-L programs nearly the same expansion set
Related RS2	RS11-PCR-L programs nearly the same expansion set
Related Sequencer	SD04-PCR-L Quick Wave Sequencer
Related Parallel	PD02M / PD02S PCR-L drivers
Related Three Phase	3P02-PCR-L

PARAMETER	VALUE
NotASource	controller only; V/A/Hz remain the PCR-L nameplate
Form	handheld/box remote plus plug-in card
Status	PCR-L option
Compatible Examples	PCR500L, PCR1000L, PCR2000L, PCR4000L Notes

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	RC02-PCR-L
Manufacturer	Kikusui Electronics
Instrument Type	Remote controller and function expansion kit
Specifications	
PARAMETER	VALUE
Series	PCR-L / PCR-LT options
Alias	RC02 PCR-L; RC02-PCR-L
Host Family	PCR-L and PCR-LT AC sources
Specifications	
PARAMETER	VALUE
Also Documented	PCR-W / PCR-W2 (separateWmanual)
Kit Contents	remote box, main-unit card, 2 m cable
Cable Length	2 m
Specifications	
PARAMETER	VALUE
Slot Numbers	1, 2, or 3
Harmonic Analysis	1st to 39th harmonic current
Line Simulation	power fail, voltage dips, voltage pops
Specifications	
PARAMETER	VALUE
Sequence Operation	voltage, frequency, and time steps
Waveforms	special and user-defined waveform output (with kit)
Output Phase Set	output ON/OFF phase setting

Specifications

PARAMETER	VALUE
Output Impedance	programmable line impedance
Current Peak Hold	yes
Apparent Power	VA measurement

Specifications

PARAMETER	VALUE
Power Factor	PF measurement
Base Meters Without Kit	RMS, peak, averageVand I; real power; frequency
Related GPIB	IB11-PCR-L programs nearly the same expansion set

Specifications

PARAMETER	VALUE
Related RS232	RS11-PCR-L programs nearly the same expansion set
Related Sequencer	SD04-PCR-L Quick Wave Sequencer
Related Parallel	PD02M / PD02S PCR-L drivers

Specifications

PARAMETER	VALUE
Related Three Phase	3P02-PCR-L
NotASource	controller only; V/A/Hz remain the PCR-L nameplate
Form	handheld/box remote plus plug-in card

Status: PCR-L option

Compatible Examples: PCR500L, PCR1000L, PCR2000L, PCR4000L

Notes

Specs from Kikusui PCR-L option table (RC02-PCR-L: remote box, card, 2 m cable; harmonics 1-39; dips/pops; sequence; VA/PF/peak-hold). Confirm PCR-L versus PCR-LA (different option set) and slot occupancy versus IB11/RS11.

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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.