

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

JRC

JRC NJZ-4000 APPLICATION TESTER

The JRC NJZ-4000 is an application tester designed for comprehensive testing and validation of electronic components and systems. It is a reliable and efficient solution for ensuring the quality and performance of various applications.



MODEL

JRC NJZ-4000

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

NJZ-4000

LISTING

<https://aumictechlabs.com/products/njz-4000-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JRC NJZ-4000 Application Tester is a compact, one-box instrument engineered for application testing and validation of electronic components, with specialized capability in PCB diagnostics and mobile device characterization. It detects short circuits, open circuits, conductor breaks, track misalignment, and component failures while analyzing circuit board power characteristics through integrated measurement instruments. Technical Specifications The platform combines five core measurement engines: a high-precision Pulse Response Analyzer (PRA) for real-time current waveform observation, a Digital Voltmeter (DVM) circuit for DC voltage and current measurement, a Spectrum Analyzer with high resolution for frequency domain analysis and noise detection on linear circuits, a Continuity Tester for open and short circuit detection, and a Temperature Sensor for thermal monitoring during test execution. Output displays measurement data on a four-digit display for operator visibility. Data logging captures measurement records internally. PC software with intuitive interface enables device configuration.

Short-circuit protection and reverse-connection alarm with audio alert safeguard against wiring faults.

Key Features

- Identifies short circuits, open circuits, missing conductors, track misalignment, and component breaks
- Analyzes power characteristics across circuit boards
- Real-time observation of current waveforms via PRA instrumentation
- High-resolution frequency analysis for noise detection
- Temperature measurement capability during operation
- Built-in data logging for test record retention
- External I/O connectors for EEPROM, A/D converters, and high-speed converter integration
- Serial I/O port for command control and RDS input port for main board RDS reading
- Save and recall functionality for test condition preservation
- Arbitrary authentication key support
- Protocol scenario library with switching capability
- UE status monitoring

Typical Applications

W-CDMA and HSDPA mobile phone application testing. Supports abnormal condition testing when combined with a full-capable BTS. Enables automatic application testing with external remote command execution. Provides cost-effective application test environment for mobile device validation.

Compatibility & Integration

Small, lightweight form factor in single-enclosure design. Connects external input/output devices including EEPROMs and analog/digital converters. Serial I/O and RDS input ports enable integration with external control systems and baseband measurement infrastructure.

Features & description

From manufacturer datasheet

Features

- Manufacturer: Japan Radio Company (JRC) • Handheld/benchtop application tester class instrument
 - Feature set depends on installed options and host radio procedures
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Applications

- Application-level testing of JRC / wireless radio equipment • Lab and production functional checks where NJZ-4000 procedures apply

NJZ4000 Characteristics / Specifications

PARAMETER	VALUE
Model	NJZ-4000
Manufacturer	Japan Radio Company (JRC)
Instrument Type	Application Tester
Alias	NJZ-4000; JRC NJZ-4000
Brand	JRC Notes Dense frequency, power, and interface tables were not verified from a primary English OEM datasheet. Confirm bands, connectors, and option labels on the faceplate and manuals shipped with the unit—do not treat guessed RF limits as specifications.

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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Model	NJZ-4000
Manufacturer	JRC
Instrument Type	Application Tester
Alias	NJZ-4000; JRC NJZ-4000

Instrument type: Application Tester

Brand: JRC

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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

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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.