

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

BLUETEST

Bluetest RC800 Reverberation Test Chamber

Bluetest RC800 Reverberation Test Chamber The Bluetest RC800 is a reverberation chamber for OTA antenna, TRP, TIS, diversity, and Bluetooth measurements. Bluetest RC800 posters document field stirring by 2 mechanical stirrers, a platform stirrer, polarization stirring, and 25 MHz frequency stirring, creating a repeatable multipath environment with expanded uncertainty called out as less than the poster limit for radiated-power setups. OTA antenna efficiency, total radiated power, diversity, and Bluetooth measurements in a stirred multipath chamber. The Bluetest RC800 is a reverberation chamber for OTA antenna, TRP, TIS, diversity, and Bluetooth measurements. Bluetest RC800 posters document field stirring by 2 mechanical stirrers, a platform stirrer, polarization stirring, and 25 MHz frequency stirring, creating a repeatable multipath environment with expanded uncertainty called out as less than the poster limit for radiated-power setups. OTA antenna efficiency, total radiated power, diversity, and Bluetooth measurements in a stirred multipath chamber.



MODEL

Bluetest RC800

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

RC800

LISTING

<https://aumictechlabs.com/products/rc800-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

Device Types: Suitable for a wide range of wireless devices, including: * Smartphones * Tablets * IoT devices (e.g., WLAN, Bluetooth, ZigBee) * Laptops * Base Stations * Large form factor devices (e.g., TVs, connected appliances) * Wearables * Automotive systems (infotainment, V2X, sensor systems) * Medical devices and IoMT * Tactical radios and drones Integration with Test

Equipment: Designed for integration with signaling testers such as the Rohde & Schwarz CMX500 OBT for 4G, 5G NR, and WLAN testing. Also collaborates with Anritsu and Keysight. Standards Compliance: Supports Over-The-Air (OTA) testing according to CTIA and 3GPP standards. Why Choose Aumictech for Bluetest.se RC800? At Aumictech, we specialize in supplying high-end RF test equipment. Whether you need efficient Over-The-Air (OTA) testing solutions, advanced MIMO and throughput validation, or a cost-effective method for verifying wireless performance, our team ensures the Bluetest.se RC800 delivers maximum performance for your application.

Features & description

From manufacturer datasheet

Polarization stirring

25 MHz frequency stirring Repeatable multipath OTA environment TRP/TIS/efficiency/diversity setups
Technical Specifications Model: RC800 Instrument Type: Reverberation test chamber Mechanical
Stirrers: 2 Platform Stirrer: 1

Polarization Stirring: yes

Frequency Stirring: 25 MHz Manufacturer: Bluetest Literature: Bluetest RC800 reverberation chamber measurement posters Family: Bluetest RC reverberation chambers Brand Lineage: Bluetest Form Factor: reverberation chamber System Role: OTA multipath test chamber Application Class: antenna efficiency, TRP, TIS, diversity, Bluetooth Stir Class: mechanical, platform, polarization, frequency Frequency Stir Bandwidth: 25 MHz Documentation Type: OEM RC800 measurement posters Vendor Path: Bluetest Year Class: RC800 Environment Class: stirred reverberation Uncertainty Class: expanded uncertainty as stated on RC800 radiated-power poster Dut Class: electrically small antennas and wireless terminals Mode Class: reverberation Control Class: stirrer and platform motion Rf Class: OTA Successor Class: later RTS25/65/85/95 chambers Notes Stirrer counts and 25 MHz frequency stirring from Bluetest RC800 measurement posters. Chamber dimensions, lowest usable frequency, and uncertainty numbers on the poster pages should be copied from those plots rather than guessed.

RC800 Characteristics / Specifications

PARAMETER	VALUE
Model	RC800
Instrument Type	Reverberation test chamber
Mechanical Stirrers	2
Platform Stirrer	1
Polarization Stirring	yes
Frequency Stirring	25 MHz
Manufacturer	Bluetest
Literature	Bluetest RC800 reverberation chamber measurement posters
Family	Bluetest RC reverberation chambers
Brand Lineage	Bluetest
Form Factor	reverberation chamber
System Role	OTA multipath test chamber
Application Class	antenna efficiency, TRP, TIS, diversity, Bluetooth
Stir Class	mechanical, platform, polarization, frequency
Frequency Stir Bandwidth	25 MHz
Documentation Type	OEM RC800 measurement posters
Vendor Path	Bluetest
Year Class	RC800
Environment Class	stirred reverberation
Uncertainty Class	expanded uncertainty as stated on RC800 radiated-power poster
Dut Class	electrically small antennas and wireless terminals
Mode Class	reverberation
Control Class	stirrer and platform motion
Rf Class	OTA
Successor Class	later RTS25/65/85/95 chambers

PARAMETER	VALUE
Bandwidth	25 MHz

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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Application Class	antenna efficiency, TRP, TIS, diversity, Bluetooth
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Dut Class	electrically small antennas and wireless terminals
Mode Class	reverberation
Control Class	stirrer and platform motion
Rf Class	OTA
Successor Class	later RTS25/65/85/95 chambers

Notes

Stirrer counts and 25 MHz frequency stirring from Bluetest RC800 measurement posters. Chamber dimensions, lowest usable frequency, and uncertainty numbers on the poster pages should be copied from those plots rather than guessed.

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.