

ADVANTEST

R3365A

The Advantest R3365A is a microwave EMI-adapted spectrum analyzer designed for electromagnetic interference testing and general-purpose high-frequency spectral analysis. Operating over a wide frequency range up to 8 GHz, the R3365A features an integrated BASIC controller, high sensitivity, and standard communication interfaces for automated test environments.

SPECIFICATIONS

General

Display	6-inch Color CRT
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Physical

Power Supply	100 to 120 VAC / 220 to 240 VAC (automatic selection), 50/60 Hz, 300 VA or less
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Operating Temperature	0 to +50 °C °C
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Dimensions (W×H×D)	424 mm × 177 mm × 450 mm mm
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Weight	22 kg kg
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Frequency and Amplitude Performance

Frequency Range	9 kHz to 8 GHz
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Bandwidth and Sweep Characteristics

Resolution Bandwidth (RBW) Range	10 Hz to 3 MHz
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Video Bandwidth (VBW) Range	1 Hz to 3 MHz
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Fastest Sweep Time	5 μs/div
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Measurement Capabilities and Signal Processing

Memory Card Function	Supported
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BASIC Controller	Equipped as standard
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Inputs, Outputs and Interfaces

RF Input Impedance	50 Ω
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RF Input Connector Type	N-type (female)
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RF Input

Input Attenuator Range	0 to 70 dB in 10 dB steps
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Maximum Safe Input Level	+30 dBm RF power
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Calibration

Calibrator Output Signal	-20 dBm at 30 MHz
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Sweep

Sweep Trigger Sources	Free Run, Line, Video, External
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Frequency Reference

Reference Oscillator Frequency	10 MHz
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EMI Measurement

EMI Filter Bandwidths (-6 dB)	200 Hz, 9 kHz, 120 kHz, 1 MHz
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Measurement Modes

Detector Modes	Normal, Positive Peak, Negative Peak, Sample, Quasi-Peak (QP)
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Environmental

Storage Temperature Range	-20 °C to +60 °C
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TECHNOLOGY

Spectrum Analysis

APPLICATIONS

EMI/EMC Testing, RF & Microwave Signal Analysis

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.