

QUICK FACT SHEET

Agilent N9320A RF Spectrum Analyzer

Best-in-class performance, practical value



Agilent N9320A have features that maximize your productivity, minimize your cost:

Features	N9320A RF Spectrum Analyzer	Benefits/Value
Performance	Frequency range: 9 kHz to 3 GHz Sweep time: 9.2 mSec @ non-zero span RBW: 10 Hz to 1 MHz DANL: -130 dBm, -148 dBm w/preamp Dynamic range: >80 dBm, +13 dBm TOI	Best in class performance helps you get the truest characterization of your devices with ease.
Power measurement	One-button Power Suite (Channel power/OBW/TOI/SEM/ACP)	Shortens routine test set up time, ensures accuracy of set up, and improves user's productivity.
One button measurement	Auto tune	Allows users quickly to find the highest level signal. Enhances accurate, speedy measurements.
Display	6.5 inch TFT color screen with 640 x 480 resolution	A clear, bright color screen with associated, easy-to-read soft keys helps users quickly set up signal output parameters.
User Interface	Multi-language (up to 11 regions)	Users all over the world can easily operate this instrument without language issue, and users' productivity can be improved.

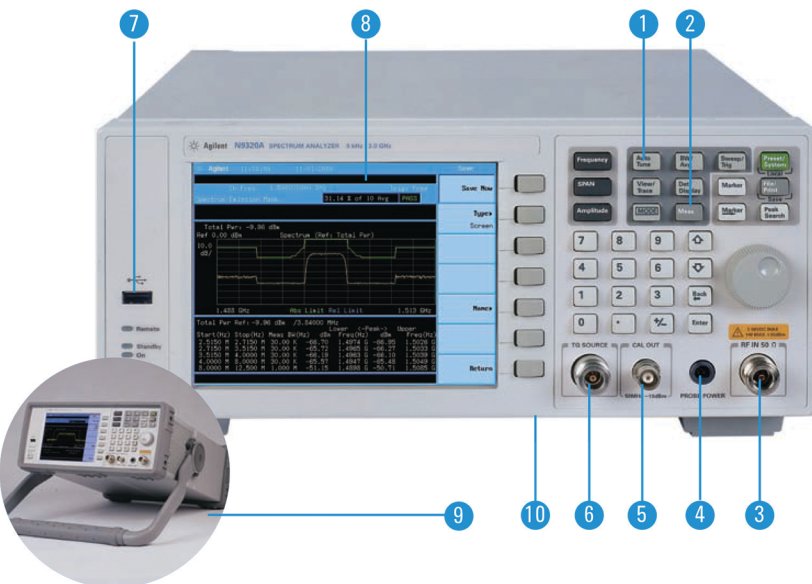
Connectivity USB ports

Easily enable the users to save data to the memory disk or remote control with a PC. Provide a fast and convenient way for firmware updates.

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- 1 Smart auto-key for auto-searching signal
- 2 One-button power measurement
- 3 RF IN (N type, Female)
- 4 Probe power for high-impedance AC probes
- 5 CAL Out (BNC type, Female)
- 6 TG source output (N type, Female)
- 7 Standard USB connectivity
- 8 6.5" color display with multi-language UI
- 9 Option 1HB provides additional protection to the instrument
- 10 Compact design(mm):132.5 x 320 x 400 (H x W x D)

Optimized for Target Market

N9320A finds applications in its target market:

- High-volume consumer electronics manufacturing
- Basic tool for R&D
- Bench repair
- Education teaching lab
- Service installation and maintenance

How does N9320A meet most of the applications in its target market?

Application	Test Case	Performance Requirements	Agilent N9320A Performance
Transmitter Test	TX power & frequency	High measurement accuracy Fast measurement speed	Overall accuracy ± 2 dB 9.2 ms non-zero span sweep time
Mixer/Filter Test	Distortion Dynamic range	High sensitivity Wide dynamic range	-148 dBm DANL w/preamp MDR 3 > 80 dB
Amplifier Test	IP3, 1 dB compression	High TOI & 1 dB compression	TOI: +13 dBm 1 dB compression: +0 dBm
Mixer/Filter Test	Insertion loss, Frequency response	Good frequency response and amplitude measurement accuracy	Frequency response: ± 0.8 dB Overall ampl. accuracy: ± 2 dB
Interference Monitor	Low level signal detecting	High sensitivity	-148 dBm DANL w/preamp
Spurious Emission	Spurious emission, radiation	Fast speed, high sensitivity	9.2 ms non-zero span sweep time -148 dBm DANL w/ preamp

Model number	Description
N9320A	3 GHz RF Spectrum Analyzer
N9320A-PA3	3 GHz Pre-amplifier
N9320A-TG3	3 GHz Tracking Generator
N9320A-1HB	Handle and Bumper
N9320A-1CM	Rack Mount Kit
N9320A-1TC	Hard Transit Case

Agilent low-cost RF solution

Built to performance. Priced for you to compete.



N9320A
RF Spectrum Analyzer

N9310A
RF Signal Generator

For more information about Agilent N9320A RF spectrum analyzer and accessories, check out the Agilent N9320A Technical Overview (publication number 5989-5521EN) or www.agilent.com/find/n9320a

Pricing and technical data subject to change without notice.

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