

The World's Fastest Economy Signal and Spectrum Analyzer

New from Agilent the EXA Signal Analyzer N9010A

The Agilent EXA signal analyzer provides flexible, scalable signal analysis to budget-conscious engineers who don't want to sacrifice speed, accuracy, application coverage or modern connectivity. The EXA seamlessly integrates the same broad range of standards-based measurements with Agilent's industry-leading 89600 vector signal analysis (VSA) software -- all in a single instrument. In addition to the use of an open Windows(r) XP Professional operating system, the EXA also provides an advanced signal analysis user interface. All measurement features and functions are intuitively grouped and accessible from the front panel or via a USB keyboard and mouse.

Key Features:

- Flexibility-
 - 9 kHz to 3.6, 7, 13.6 and 26.5 GHz models
 - 10 MHz analysis BW standard
 - Optional 3.6 GHz preamp, 3.6 GHz electronic attenuator
- Applications
 - Includes Spectrum Analysis Measurement App, Power Suite Available I Mobile WiMAX (802.16e),W-CDMA/HSDPA/HSUPA, GSM/EDGE,
 - Phase Noise, 89601A VSA software inside the unit
- Speed
 - Industries Fastest Spectrum Analysis Mode Measurement Switch <75ms
 - Marker peak Search <4ms
 - Local update <8ms
- Technology
 - Connectivity:100bt LAN, USB 2.0, GPIB, LXI - C
 - Advanced User Interface (UI),Open Windows XP, MATLAB, ADS and VEE can run in the unit
- General Specifications:
 - TOI <3 GHz: +13 dBm
 - DANL at 2/18 GHz -146/-137 dBm/Hz
 - RBW: 1 Hz to 3 MHz (10% steps), 4, 5, 6, 8 MHz
 - VBW: 1 Hz to 3 MHz (10% steps), 4, 5, 6, 8 MHz and wide open (labeled 50 MHz)
 - Trace Detectors: Normal, peak, sample, negative peak, log power average, RMS average, and voltage average
- Running the Agilent 89600 VSA software application in the EXA enables advanced signal demodulation analysis and troubleshooting of more than 50 demodulation formats including: 2G, 3G, 3.5G, WiMAX, WLAN and Private Mobile Radio
- Wireless Networking:
 - WiMAX 802.16 OFDM/OFDMA - WLAN IEEE 802.11a/b/g/j/p
 - Bluetooth - ZigBee
- Cellular:
 - W-CDMA/HSDPA
 - Cdmaone/Cdma2000/1 xEV-DV - 1 xEV-DO
 - TD-SCDMA
- Analog Demodulation:
 - AM, FM, PM
- Digital Demodulation:
 - BPSK/QPSK
 - QAM 16 - 1024
 - VSB 8, 16
 - DVB QAM 16, 32, 64 - Plus



Options	Description	Upgradable	Price
N9010A	N9010A EXA Signal Analyzer		Call
503	9 kHz to 3.6 GHz	No	\$16,983
507	9 kHz to 7.0 GHz	No	\$26,027
513	9 kHz 13.6 GHz	No	\$31,051
526	9 kHz to 26.5 GHz	No	\$36,076
FSA	Fine step attenuator	Yes	\$1,005
PFR	Precision frequency reference (10 MHz)	Yes	\$2,010
EA3	Electronic attenuator, 3.6 GHz	Yes	\$2,010
P03	Preamp, 3.6 GHz	Yes	\$1,507
CPU	Instrument security, additional CPU and HDD	Yes	\$4,020
PRC	Portable configuration	Yes	\$300
Applications	Description	Upgradable	Price
N9068A	Phase Noise measurement application	Yes	\$4,727
N9071A	GSM/EDGE measurement application	Yes	\$7,034
N9073A-1 FP	W-CDMA measurement application	Yes	\$7,437
N9073A-2FP	W-CDMA measurement HSDPA/HSUPA	Yes	\$5,728
N9075A	802.16 OFDMA measurement application	Yes	\$10,049
Accessories	Description	Upgradable	Price
N9010A-EFM	USB flash drive, 512 MB	Yes	\$90
N9010A-DVR	USB DVD ROM drive	Yes	\$227
N9010A-MSE	Mouse	Yes	STD
N9010A-KYB	Keyboard	Yes	\$55
N9010A-MLP	Min. loss pad, 50 to 75 Ω (Type N to BNC)	Yes	\$199
N9010A-1CP	Rack mount and handle kit	Yes	\$130
N9010A-1CM	Rack mount kit	Yes	\$80
N9010A-1CN	Front handle kit	Yes	\$90
N9010A-1CR	Rack slide kit	Yes	\$155
N9010A-HTC	Hard transit case	Yes	\$951

