

Drive to SAVE



Here's your shot to get Agilent RF bench tools *for less.*



With 12% off on more than 30 test tools and 100s of accessories, now's the time to let Agilent help you save money and drive your products to market faster.

Agilent helps you avoid the traps and hazards that come with product development so you can tap into success sooner.

Score savings on these Agilent RF bench tools:

- Spectrum analyzers
- Signal generators
- Network analyzers
- USB power sensors
- RF and microwave test accessories

For details visit

www.metrictest.com/catalog/brands/agilent.jsp

Offer ends Nov. 30, 2009



Agilent Technologies

Authorized Distributor

METRICTEST[™]
6,000 instruments. One source.

www.metrictest.com/catalog/brands/agilent.jsp

800.432.3424

Drive to Save! 12% savings on select Agilent RF bench instruments.

Now through Nov. 30, 2009.

Spectrum Analyzers



From DC to 325 GHz, Agilent has a spectrum analyzer to let you reliably analyze distortion, spurious, phase noise, and conduct 2G to 4G wireless communication measurements.

- Agilent RF spectrum analyzer: **N9320B**
- Agilent CSA spectrum analyzers: **N1996A-503/-506**
- Agilent ESA-E standard spectrum analyzers: **E4402/4/5/7B**
- Agilent ESA-L Series spectrum analyzers: **E4403/8B, E4411B**
- Agilent EXA signal analyzers: **N9010A-503/-507/-513/-526**

Signal Generators



With the widest selection of analog signal generators for basic to advanced functionality, Agilent delivers the industry's best benchmark performance in its class to address your test requirements in design and manufacturing.

- Agilent MXG RF analog signal generators: **N5181-501/-503/-506**
- Agilent MXG microwave analog signal generators: **N5183-520/-532/-540**
- Agilent ESG RF analog signal generators: **E4428C-503/-506**
- Agilent RF signal generator: **N9310A**

Network Analyzers



Agilent ENA Series RF network analyzers provide industry-leading overall performance, the fastest sweep, highest dynamic range, and lowest trace noise.

- Agilent ENA-L 1.5 GHz network analyzer: **E5061A**
- Agilent ENA-L 3 GHz network analyzer: **E5062A**
- Agilent ENA network analyzer: **E5071C**

USB Power Sensors



Eliminate the need for a separate power meter. Use the plug-and-play USB connectivity of Agilent USB power sensors with a PC or an Agilent instrument for fast setup and true average power RF and microwave device measurements.

- Agilent USB power sensors: **U2000B/H, U2001B/H, U2002H**
- Agilent power analysis manager: **N1918A-100**

RF and Microwave Test Accessories



Agilent's premiere-grade RF and microwave test accessories help you switch to optimized performance, attenuate inaccuracy, and amplify measurement confidence.

- Switches
- Amplifiers
- Attenuators
- Limiters
- Adapters and connectors
- Directional couplers, and more

For complete listing refer to www.agilent.com/find/mta

Hit a hole-in-one and start saving today, visit:

www.metrictest.com/catalog/brands/agilent.jsp



Agilent Technologies

Authorized Distributor

METRICTESTTM
6,000 instruments. One source.

www.metrictest.com/catalog/brands/agilent.jsp

800.432.3424

Drive to Save! 12% savings on these select Agilent RF bench instruments and measurement accessories. Now through Nov. 30, 2009.

Only these base models shown are included. Options which are not shown are not included.

Product	Description
	Power Products
N1918A-100	Power Analyzer
U2000B	10MHz to 18GHz USB sensor (-30 dBm to +44 dBm)
U2000H	10MHz to 18GHz USB sensor (-50 dBm to +30 dBm)
U2001A-H16	10MHz-6GHz USB SENSOR WITH 1kOhm EXT TRIGGER IMPEDANCE
U2001B	10MHz to 6GHz USB sensor (-30 dBm to +44 dBm)
U2001H	10MHz to 6GHz USB sensor (-50 dBm to +30 dBm)
U2002H	50MHz to 24GHz USB sensor (-50 dBm to +30 dBm)
	Signal Generators (Signal Sources)
N5181A	MXG RF Signal Generator
N5181A-501	Frequency range from 100kHz to 1GHz
N5181A-503	Frequency range from 100kHz to 3GHz
N5181A-506	Frequency range from 100kHz to 6GHz
N5183A	MXG Microwave Signal Generator
N5183A-520	Frequency range from 100kHz to 20GHz
N5183A-532	Frequency range from 100kHz to 31.8GHz
N5183A-540	Frequency range from 100kHz to 40GHz
E4428C	ESG Analog Signal Generator
E4428C-503	Frequency range from 250KHz to 3GHz
E4428C-506	Frequency range from 250KHz to 6GHz
N9310A	RF Signal generator 9KHz to 3.0GHz
	Signal and Spectrum Analyzers
N9320B	3 GHz Spectrum Analyzer
N1996A	Agilent CSA Spectrum Analyzer
N1996A-503	Frequency Range 100 kHz - 3 GHz
N1996A-506	Frequency Range 100 kHz - 6 GHz
N9010A	EXA Signal Analyzer
N9010A-503	Frequency range, 9 kHz to 3.6 GHz
N9010A-507	Frequency range, 9 kHz to 7 GHz
N9010A-513	Frequency range, 9 kHz to 13.6 GHz
N9010A-526	Frequency range, 9 kHz to 26.5 GHz
E4402B	ESA-E 9 kHz-3.0 GHz Spectrum Analyzer
E4403B	ESA-L 9kHz-3.0GHz Spectrum Analyzer
E4404B	ESA-E 9kHz-6.7GHz Spectrum Analyzer
E4405B	ESA-E 9kHz-13.2GHz Spectrum Analyzer
E4407B	ESA-E 9kHz-26.5 GHz Spectrum Analyzer
E4408B	ESA-L 9kHz-26.5GHz Spectrum Analyzer
E4411B	ESA-L 9kHz-1.5GHz Spectrum Analyzer

Network Analyzers	
E5071C	ENA Series Network analyzer
E5071C-240	2-port Test Set, 9 kHz to 4.5 GHz without Bias Tees
E5071C-245	2-port Test Set, 100 kHz to 4.5 GHz with Bias Tees
E5071C-280	2-port Test Set, 9 kHz to 8.5 GHz without Bias Tees
E5071C-285	2-port Test Set, 100 kHz to 8.5 GHz with Bias Tees
E5071C-2K5	2-port Test Set, 300 kHz to 20 GHz with Bias Tees
E5071C-440	4-port Test Set, 9 kHz to 4.5 GHz without Bias Tees
E5071C-445	4-port Test Set, 100 kHz to 4.5 GHz with Bias Tees
E5071C-480	4-port Test Set, 9 kHz to 8.5 GHz without Bias Tees
E5071C-485	4-port Test Set, 100 kHz to 8.5 GHz with Bias Tees
E5071C-4K5	4-port Test Set, 300 kHz to 20 GHz with Bias Tees
E5061A	1.5 GHz Network Analyzer
E5062A	3 GHz Network Analyzer
MTA Accessories Products	
11524A	Coaxial adapter, APC-7 to Type N female
11525A	Coaxial Adapter, APC-7 to Type N male
11533A	Coaxial Adapter, APC-7 to SMA male
11534A	Coaxial Adapter, APC-7 to SMA female
11581A	Coaxial attenuator set of (4) 8491A's
11582A	Coaxial attenuator set of (4) 8491B's
11583C	Coax attenuator set of (4) 8493C's
11636A	DC-18 GHz power divider, Type N, 50 ohm
11636B	DC to 26.5 GHz power divider, APC-3.5
11667A	DC-18 GHz power splitter, type N, 50 ohm
11667B	Power splitter, DC to 26.5 GHz, 3.5 mm female connectors
11691D	Coaxial directional coupler, 2-18 GHz, input and output: APC7, coupled: Type-N (f)
11692D	Coaxial dual directional coupler, 2-18 GHz, input, incident, reflected: N(f), test port: APC7
11713B	11713B Attenuator Switch Driver
11713C	11713C Attenuator Switch Driver
11716A	Type N interconnection kit
11716C	SMA Interconnect Kit
11742A	Blocking Capacitor, 45MHz - 26.5GHz
11852B	Minimum loss attenuator pad
11853A	Type-N accessory kit, 50 Ohm
11854A	BNC accessory kit, 50 ohm
11878A	3.5 mm to Type-N adapter kit
11930A	APC-7 limiter, DC-6 GHz
11930B	Type-N limiter, 5 MHz-6 GHz
33330B	Coaxial detector; 0.01 to 18 GHz
33391C	Bead, 7 mm, insulator
423B	Low-barrier Schottky diode detector

537A	Direct-reading coaxial frequency meter
772D	COUPLER, DUAL DIRECTIONAL, 2 TO 18 GHZ
773D	COUPLER, DIRECTIONAL, 2 TO 18 GHZ
775D	DUAL-DIRECTIONAL COUPLER, 0.45-0.94 GHZ
776D	Dual-directional coupler, 0.94-1.90 GHz
777D	Dual-directional coupler, 1.90-4.0 GHz
778D	Dual-directional coupler, 0.10-2.0 GHz
83006A	Amplifier, 0.01-26.5 GHz, 20 dB gain
83017A	Amplifier, 0.5-26.5 GHz; 25 dB gain
83018A	Microwave System AMP, 2-26 GHz, 22dBm
83020A	Power amplifier; 2-26.5 GHz, 27 dB gain
83036C	Detector, Directional, 3.5mm Connectors
83059A	Coaxial Adapter, 3.5mm Male-Male
83059B	Coaxial Adapter, 3.5mm Female-Female
83059C	Coaxial Adapter, 3.5mm Male-Female
83059K	Adapter Kit, 3.5mm Precision Adapters
8470B	18 GHz LBHCD crystal detector
8471D	Detector, Coaxial; .0001 - 2 GHz
8471E	Detector, Coaxial, 0.01-12.4 GHz
8472B	18 GHz LBHCD crystal detector
8473B	Coaxial Crystal Detector
8473C	Coaxial Crystal Detector
8473D	Coax Detector
8474B	Detector, Coaxial, .01 - 18 GHz
84904K	Programmable 1db-step atten, 11dB, 26GHz
84906K	Attn,90dB,10dB Steps,26GHz, Programmable
84907K	Attn,70dB,10dB stps, 26GHz, Programmable
8491A	Coaxial attenuator, dc-12.4 GHz, Type N
8491B	Coaxial attenuator, dc - 18 GHz, Type N
8493A	Coaxial attenuator, dc to 12.4 GHz, SMA
8493B	Coaxial attenuator, dc to 18 GHz, SMA
8493C	Coaxial fixed attenuator, dc to 26.5 GHz
8494A	Manual step attenuator, 0 to 11 dB in 1 dB steps, dc to 4 GHz
8494B	0-11 dB manual step attenuator, 0-18 GHz
8494G	0-11dB programmable step ATTENUATOR., dc-4GHz
8494H	0-11dB programmable step attenuator, 0-18GHz
8495A	0-70 dB manual step attenuator, dc-4 GHz
8495B	0-70 dB manual step attenuator, 0-18 GHz
8495D	0-70dB manual step attenuator, 0-26.5GHz
8495G	0-70dB programmable step atten., dc-4GHz

8495H	0-70dB programmable step ATTENUATOR., 0-18GHz
8495K	Programmable Step Attenuator,DC-26.5 GHz
8496A	0-110 dB manual step attenuator, 0-4 GHz
8496B	0-110 dB manual step attenuator, 0-18GHz
8496G	0-110dB programmable step atten., 0-4GHz
8496H	0-110dB programmable step ATTENUATOR, 0-18GHz
8497K	Programmable Step Attenuator,DC-26.5 GHz
8498A	Coaxial fixed attenuator, 30 dB
86205A	50 Ohm RF bridge 300kHz to 6GHz
86207A	75 ohm RF bridge 300 kHz to 3GHz
86211A	75-ohm Type F accessory kit
86213A	Attenuators, 75 ohm fixed type-N
87104A	Switch, SP4T, dc-4 GHz, terminated
87104B	Switch, SP4T, dc-20 GHz, terminated
87104C	Switch, SP4T, DC-26.5 GHz, terminated
87106A	Switch, SP6T, dc-4 GHz, terminated
87106B	Switch, SP6T, dc-20 GHz, terminated
87106C	Switch, SP6T, dc-26.5 Ghz, terminated
87204A	Switch, SP4T, DC-4 GHz, terminated, 24VDC
87204B	Switch, SP4T, DC-20 GHz, terminated, 24VDC
87204C	Switch, SP4T, DC-26.5 GHz, terminated, 24VDC
87206A	Switch, SP6T, DC-4 GHz, terminated, 24VDC
87206B	Switch, SP6T, DC-20 GHz, terminated, 24VDC
87206C	Switch, SP6T, DC-26.5 GHz, terminated, 24VDC
87222C	Switch, transfer, DC-26.5 GHz, 4 port, 24 VDC
87300B	Coaxial coupler, 1-20 GHz, SMA female connectors
87300C	10 dB coaxial coupler, 1-26.5 GHz, 3.5 mm female connectors
87300D	Coaxial coupler, 6-26.5 GHz, 3.5 mm female connectors
87302C	Power divider, 0.5 to 26.5 GHz
87303C	Power divider, 1-26.5 GHz
87304C	Power Divider, 2-26.5 GHz
87310B	Coupler, coaxial, 1-18 GHz, SMA female connectors
87405B	Preamplifier, 0.01-4 GHz, 22dB Gain, Type N (m) Output to Type N (f)
87405C	Pre-Amplifier, 0.1-18 GHz, TYPE N(M) output to TYPE N(F)
87406B	Switch, matrix, coax, DC-20 GHz, terminated, 24V DC
87415A	2-8 GHz Remote System Amplifier
87421A	Power supply, +/-12V DC, 25W max, 2 m cable included
87422A	Power supply, +/-12V, +/-15V dc 70W
87606B	Switch,matrix,coax,DC-20 GHz, terminated
8761A	Coaxial SPDT switch, dc-18 GHz, 12-15 V

8761B	Coaxial SPDT switch, dc-18 GHz, 24-30 V
8762A	Coaxial SPDT switch, dc-4 GHz; 50 ohm
8762B	Coaxial SPDT switch, dc-18 GHz; 50 ohm
8762C	Coaxial SPDT switch, dc-26.5 GHz; 50 ohm
8762F	Coaxial SPDT switch, dc-4GHz; 75 ohm
8763A	Switch, coaxial, DC-4 GHz; 4-Port
8763B	Switch, Coaxial, 4 Port, DC-18 GHz, SMA(female) connectors
8763C	Switch, coaxial, 4 port, DC-26.5 GHz, 3.5 mm (female) connectors
8764A	Switch, coaxial, 5 port, DC-4 GHz, SMA connectors
8764B	Switch, coaxial, 5 port, DC-18 GHz, SMA (female) connectors, signal reversal
8764C	Switch, coaxial, 5 port, DC-26.5 GHz, 3.5 mm (female) connectors, signal reversal
8765A	Coaxial, single pole, double throw switch, DC-4 GHz, SMA (female) connectors
8765B	Coaxial, single pole, double throw switch, DC-20 GHz, SMA (female) connectors
8765C	Coaxial, single pole, double throw switch, DC-26.5 GHz, 3.5 mm (female) connectors
8766K	Coaxial SP3T switch, dc-26.5 GHz
8767K	Coaxial switch, single pole, 4 throw, DC-26.5 GHz
8768K	Coaxial switch, single pole, 5 throw, DC-26.5 GHz
8769K	Coaxial switch, single pole, 6 throw, DC-26.5 GHz
909A	Coaxial termination, APC-7, dc-18 GHz
909C	Coaxial 50 Ohm Termination
909D	Coaxial termination, DC-26.5 GHz, APC 3.5 mm connector
909E	Coaxial termination, dc-3 GHz
909F	Precision Coaxial Termination, DC to 18 GHz
J7211A	0-121 dB integrated attenuation control unit , DC to 6 GHz
J7211B	0-121 dB integrated attenuation control unit , DC to 18 GHz
J7211C	0-101 dB integrated attenuation control unit, DC to 26.5 GHz
K281C	Coaxial to waveguide adapter, 3.5 mm female to WR-42, 18 to 26.5 GHz
L7104A	Switch, SP4T, dc-4 GHz, terminated (L-SERIES)
L7104B	Switch, SP4T, dc-20 GHz, terminated (L-SERIES)
L7104C	Switch, SP4T, DC-26.5 GHz, terminated (L-SERIES)
L7106A	Switch, SP6T, dc-4 GHz, terminated (L-SERIES)
L7106B	Switch, SP6T, dc-20 GHz, terminated (L-SERIES)
L7106C	Switch, SP6T, dc-26.5 Ghz, terminated (L-SERIES)
L7204A	Switch, SP4T, DC-4 GHz, unterminated, 24VDC (L-SERIES)
L7204B	Switch, SP4T, DC-20 GHz, unterminated, 24VDC (L-SERIES)
L7204C	Switch, SP4T, DC-26.5 GHz, unterminated, 24VDC (L-SERIES)
L7206A	Switch, SP6T, DC-4 GHz, unterminated, 24VDC (L-SERIES)
L7206B	Switch, SP6T, DC-20 GHz, unterminated, 24VDC (L-SERIES)
L7206C	Switch, SP6T, DC-26.5 GHz, unterminated, 24VDC (L-SERIES)
L7222C	Switch, transfer, DC-26.5 GHz, 4 port, 24 VDC (L-SERIES)

N1810TL	SPDT terminated latching coax switch
N1810UL	SPDT unterminated latching coax switch
N1811TL	4 port terminated latching coax switch
N1812UL	5 port unterminated latching coax switch
N5520A	1.85 mm male to 1.85 mm male adapter
N5520B	1.85 mm female to 1.85 mm female adapter
N5520C	1.85 mm male to 1.85 mm female adapter
N9355B	Limiter 0.01 - 18 GHz P1db of 10dBm
N9355C	Limiter 0.01 - 26.5 GHz P1db of 10dBm
N9356B	Limiter 0.01 - 18 GHz P1db of 25dBm
N9356C	Limiter 0.01 - 26.5 GHz P1db of 25dBm
N9398C	3.5mm DC Block 16V 50kHz-26.5GHz
N9399C	3.5mm DC Block 50V 700kHz-26.5GHz
P281B	Waveguide to APC-7 Adapter.
P281C	Waveguide to coaxial adapter, WR-62 to APC-7, 12.4 to 18 GHz
P9400A	8 GHz Solid State PIN Transfer Switch
P9400C	18 GHz Solid State PIN Transfer Switch
P9402A	8GHZ SPDT PIN SWITCH
P9402C	18GHZ SPDT PIN SWITCH
P9404A	8 GHz SP4T PIN Switch
P9404C	18 GHz SP4T PIN Switch
U9397A	8 GHz Hi-Performance Solid State Switch
U9397C	18 GHz Hi-Performance Solid State Switch
U9400A	8 GHz Solid State FET Transfer Switch
U9400C	18 GHz Solid State FET Transfer Switch
X281A	Coaxial to waveguide adapter, Type-N female to WR-90, 8.2 to 12.4 GHz
X281C	Coaxial to waveguide WR-90 adapter, 8.2 to 12.4 GHz