GSP-9330







TESTS MUST BE FAST!

GSP-9330, a high test speed spectrum analyzer with 3.25 GHz, provides the fastest 204 µs sweep speed. Users, via high speed sweep time, can easily handle and analyze modulation signals. The keys to handling modulated signals are fast sweep time and signal demodulation functions. In addition to the analog AM/FM demodulation and analysis function, GSP-9330 also provides digital signal ASK/FSK, and 2FSK demodulation and analysis capabilities. Nowadays, EMC issues are very crucial to product's design processes. Therefore, GSP-9330 has incorporated the EMC pretest solution to facilitate EMC tests. The simple and easy EMC pretest procedures from GSP-9330 can tremendously shorten users' product launch timebline.

Fastest Sweep Speed Up to 204 μs

For measuring signals, speed is one of the specifications to be considered. Perhaps, it is the most important specification. GSP-9330 provides sweep speed up to 204 μ s. Users, via high speed sweep time, can easily capture transient signals such as frequency/amplitude modulation signals, Blue tooth frequency hopping signals, tuned oscillator or other interfering signals under ISM Band.

Modulation Signal Analysis and Processing

The keys to handling modulated signals are fast sweep time and signal demodulation function. In addition to the analog AM/FM demodulation and analysis function, GSP-9330 also provides ASK/FSK digital signal demodulation capability. For the widely-utilized, low-cost and low power consumption 2FSK modulation signals, GSP-9330 also provides the complete test and analysis function to address the requirements.



EMC Pretest Solution

GSP-9330 can meet customers' EMC pretest requirements on the product development and verification stages. Users can detect and resolve problems at the early product development stage that can save time and money for product development and verification fee. As a result, users can expedite the process of products launch. GSP-9330 has the built-in EMI dedicated 200/9k/120k/1MHz filter, 20 dB low noise amplifier and Quasi-Peak/Average detection mode to conduct radiation and conduction tests after collocating with the probe set. GKT-008, the radiation test probe set, provides a complete near field test probe set to simplify the complex measurement procedures and to simulate 3m/10m far field tests from the labs. Using GKT-008 can greatly save

engineers' debugging time and the money for going back and forth to the labs. GKT-008 can collocate with the Tracking Generator function of GSP-9330 to conduct EMS pretests. For conduction tests, GKT-008 can collocate with LISN and Isolated Transformer to conduct electromagnetic conduction tests. If users concern EUT's large voltage variation or complexity, applying a Transient Limiter will make test equipment safer.



MAIN FEATURES

- Frequency Range: 9 kHz ~ 3.25 GHz
- Fastest sweep speed up to 204 μs
- Support modulation signal analysis
 - · 2FSK digital signal analysis
 - · ASK/FSK digital signals demodulation and analysis
 - AM/FM analog signals demodulation and analysis
- Complete EMC pretest solution
 - EMI Detect mode: Quasi-Peak, Average
 - EMI Filter(-6dB): 200 Hz, 9 kHz, 120 kHz, 1MHz
 - · Dedicated EMC function key

APPLICABLE TO TESTS AND ANALYSIS FOR VARIOUS **SIGNALS**

- Signal channel analysis provides Channel Power, OCBW, ACPR, N-dB bandwidth, SEM
- CATV parameter tests focus on CNR, CSO, and CTB parameters
- Signal source's stability characteristics can be tested via Phase Noise and Phase litter
- Component's or system's linearity test can be confirmed by TOI and P1dB functions
- Other measurement applications include Harmonic, Frequency Counter, Time Domain Power, and Gated Sweep

GRAPHIC PROCESSING OF SIGNAL MONITOR

- Spectrogram traces changes of frequency and power vs.
- Topographic uses color shade to show the probability distribution of signal appearance
- Split-Window allows independent observation and settings for spectrum with different frequency bandwidths

FEATURES FOR PRODUCTION LINE APPLICATIONS

- Frequency stability of 0.025 ppm allows GSP-9330 to be stable quickly after powered up
- Users can set up automatic wake-up time to save time from manually setting
- The sequence function exempts users from writing programs
- The limit line function determines whether the tested signal passes the test

USER FRIENDLY DESIGN

- Built-in Definition Help
- Status Icons
- Support five languages (English, Simplified Chinese, Traditional Chinese, Japanese, and Russian)
- Speed save function

VARIOUS INTERFACE

- Support USB Host, RS-232, LXI C (LAN Base), GPIB (option)
- Support USB Device, MicroSD to save files
- Ideal for TV Output's DVI interface

SOFTWARE AND DRIVER

- SpectrumShot PC Software EMC/Remote Control Mode
- IVI Driver (It needs NI VISA)
- Android App GSP-9330 Remote Control

VARIOUS AUGMENTING OPTIONS

- Tracking Generator analyzes scalar network analysis and P1dB point measurements
- Battery module and dedicated carrying case are ideal for Open Site operations
- GKT-008 near field probe set conducts EMI Pretest GLN-5040A/GIT-5060 conducts EMI Conduction tests

RELATED PRODUCTS INFORMATION:

GKT-008 Near Field Probe

GLA-5040A LISN



GIT-5060 Isolation Transformer

GPL-5010 Transient Limiter







CUSTOMERS

- Consumer Electronics
- Service and Maintenance
- Universities, Graduate Schools
- Military Industries
- Automotive Electronics
- Telecom and communications Industries
- Distributors for RF-Instruments Instrument leasing Companies

APPLICATIONS

- For the Quick Check and Analysis of Spectral Characteristic
- EMI Pre-compliance Testing
- Analyze ASK, FSK, AM, FM Signal Characteristics
- Monitor Satellite Uplink Signals From Satellite Uplink Truck
- Test Systems That Require a Very Compact Instrument
- Measure the Frequency Response of Cable, Attenuator, Filter and Amplifier

SPECIFICATIONS			
FREQUENCY			
FREQUENCY			
Range Resolution	9 kHz ~ 3.25 GHz 1 Hz		
FREQUENCY REFERENCE	1112		
Accuracy Aging Rate	±(period since last adjustment x aging rate) + stability over temperature + supply voltage stability ± 1 ppm max.	1 year after last adjustment	
Frequency Stability Over Temperature Supply Voltage Stability	± 0.025 ppm ± 0.02 ppm	0 ~ 50 °C	
FREQUENCY READOUT ACCURACY			
Start, Stop, Center, Marker Trace Points	±(marker frequency indication x frequency reference accuracy + 10% x RBW + frequency resolution) Max. 601 points, Min. 6 points		
MARKER FREQUENCY COUNTER			
Resolution Accuracy	1 Hz, 10 Hz, 100 Hz, 1 kHz ±(marker frequency indication X frequency reference accuracy	RBW/Span >=0.02 ; Mkr level to DNL>30 dB	
FREQUENCY SPAN	+ counter resolution)	NBW/3pan >=0.02 , Mix rever to DNE230 db	
Range	0 Hz (zero span), 100 Hz ~ 3.25 GHz		
Resolution Accuracy	1 Hz ± frequency resolution	RBW : Auto	
PHASE NOISE			
Offset from Carrier 10 kHz	< -88 dBc/Hz	Fc=1GHz;RBW=1kHz,VBW=10Hz;Average≥40 Typical	
100 kHz 1 MHz	<-95 dBc/Hz <-113 dBc/Hz	Týpical Typical	
RESOLUTION BANDWIDTH (RBW) F	LTER	7	
Filter Bandwidth	1 Hz ~ 1 MHz in 1-3-10 sequence 200 Hz, 9 kHz, 120 kHz, 1 MHz	-3dB bandwidth -6dB bandwidth	
Accuracy	\pm 8%, RBW = 1MHz ; \pm 5%, RBW < 1MHz	Nominal	
Shape Factor	<4.5:1	Normal Bandwidth ratio: -60dB:-3dB	
VIDEO BANDWIDTH (VBW) FILTER Filter Bandwidth	1 Hz ~ 1 MHz in 1.3.10 sequence	-3dB bandwidth	
AMPLITUDE	1 Hz ~ 1 MHz in 1-3-10 sequence	-Jub Daliuwiutii	
AMPLITUDE RANGE			
Measurement Range	100 kHz ~ 1 MHz	Displayed Average Noise Level (DANL) to 18 dBm	
	1 MHz ~ 10 MHz 10 MHz ~ 3.25 GHz	DANL to 21 dBm DANL to 30 dBm	
ATTENUATOR			
Input Attenuator Range	0 ~ 50 dB, in 1 dB steps	Auto or manual setup	
MAXIMUM SAFE INPUT LEVEL Average Total Power	≤+33 dBm	Input attenuator ≥10 dB	
DC Voltage	± 50 V		
1 db gain compression			
Total Power at 1st Mixer Total Power at the Preamp	> 0 dBm > -22 dBm	Typical ; Fc≥ 50 MHz; preamp. off Typical ; Fc≥ 50 MHz; preamp. on	
Total Fower at the Freamp	, 12 do	Mixer power level (dBm) = input power (dBm) - attenuation (dB)	
DISPLAYED AVERAGE NOISE LEVEL			
Preamp off	0 dB attenuation; RF Input is terminated with a 50Ω load. RBW trace average≥40	/ 10 Hz; VBW 10 Hz; span 500 Hz; reference level = - 60 dBm;	
9 kHz~100 kHz	< -93 dBm	Nominal	
100 kHz~1 MHz 1 MHz~10 MHz	< -90 dBm - 3 x (f/100 kHz) dB < -122 dBm	Nominal Nominal	
2.7 ~ 3.25 GHz	<-116 dBm	Nominal	
Preamp on	0 dB attenuation; RF Input is terminated with a 50Ω load. RBW trace average≥40	/ 10 Hz; VBW 10 Hz; span 500 Hz; reference level = - 60 dBm;	
100 kHz~1 MHz	< -108 dBm - 3 x (f/100 kHz) dB	Nominal	
1 MHz~10 MHz 10 MHz~3.25 GHz	< -142 dBm < -142 dBm + 3 x (f/1 GHz) dB	Nominal Nominal	
LEVEL DISPLAY RANGE	· · · · · · · · · · · · · · · · · · ·		
Scales Units	Log, Linear dBm, dBmV, dBuV, V, W		
Marker Level Readout	0.01 dB	Log scale	
Level Display Modes	0.01 % of reference level Trace, Topographic, Spectrogram	Linear scale Single/Split Windows	
Number of Traces Detector	4 Positive-peak,negative-peak,sample,normal,RMS(not Video),		
Trace Functions	Quasi-Peak(EMI), Average (EMI), Clear & Write, Max/Min Hold,		
ABSOLUTE AMPLITUDE ACCURACY	View, Blank, Average		
Absolute Point	·	g scale; 1 dB/div; peak detector; 23°C±1°C; Signal at Reference Level	
Preamp Off Preamp On	± 0.3 dB ± 0.4 dB	Ref level 0 dBm; 10 dB RF attenuation Ref level 0 dBm; -30 dB RF attenuation	
FREQUENCY RESPONSE	,	,	
Preamp Off 100 kHz ~ 2.0 GHz	Attenuation : 10 dB; Reference: 160 MHz; 20 ~ 30°C ± 0.5 dB		
100 kHz ~ 2.0 GHz 2GHz ~ 3.25 GHz	± 0.5 dB ± 0.7 dB		
100 kHz ~ 2.0 GHz 2GHz ~ 3.25 GHz Preamp On 1 MHz ~ 2 GHz	± 0.5 dB ± 0.7 dB Attenuation: 0 dB; Reference: 160 MHz; 20 ~ 30°C ± 0.6 dB		
100 kHz ~ 2.0 GHz 2GHz ~ 3.25 GHz Preamp On	± 0.5 dB ± 0.7 dB Attenuation: 0 dB; Reference: 160 MHz; 20 ~ 30°C ± 0.6 dB ± 0.8 dB		
100 kHz ~ 2.0 GHz 2GHz ~ 3.25 GHz Preamp On 1 MHz ~ 2 GHz 2 GHz ~ 3.25 GHz	\pm 0.5 dB \pm 0.7 dB Attenuation: 0 dB; Reference: 160 MHz; 20 \sim 30°C \pm 0.6 dB \pm 0.8 dB	Reference: 160 MHz, 10dB attenuation	
100 kHz ~ 2.0 GHz 2GHz ~ 3.25 GHz Preamp On 1 MHz ~ 2 GHz 2 GHz ~ 3.25 GHz ATTENUATION SWITCHING UNCERTAITENUATION Uncertainty RBW FILTER SWITCHING UNCERTAITENUATION	± 0.5 dB ± 0.7 dB Attenuation: 0 dB; Reference: 160 MHz; 20 ~ 30°C ± 0.6 dB ± 0.8 dB TAINTY 0 ~ 50 dB in 1 dB step ± 0.25 dB		
100 kHz ~ 2.0 GHz 2GHz ~ 3.25 GHz Preamp On 1 MHz ~ 2 GHz 2 GHz ~ 3.25 GHz ATTENUATION SWITCHING UNCERTAIL Attenuator Setting Uncertainty RBW FILTER SWITCHING UNCERTAIL 1 Hz ~ 1 MHz	± 0.5 dB ± 0.7 dB Attenuation: 0 dB; Reference: 160 MHz; 20 ~ 30°C ± 0.6 dB ± 0.8 dB **CAINTY** 0 ~ 50 dB in 1 dB step ± 0.25 dB **NTY** ± 0.25 dB	Reference : 160 MHz, 10dB attenuation Reference : 10 kHz RBW	
100 kHz ~ 2.0 GHz 2GHz ~ 3.25 GHz Preamp On 1 MHz ~ 2 GHz 2 GHz ~ 3.25 GHz ATTENUATION SWITCHING UNCERTAITENUATION Uncertainty RBW FILTER SWITCHING UNCERTAITENUATION	± 0.5 dB ± 0.7 dB Attenuation: 0 dB; Reference: 160 MHz; 20 ~ 30°C ± 0.6 dB ± 0.8 dB **CAINTY** 0 ~ 50 dB in 1 dB step ± 0.25 dB **NTY** ± 0.25 dB	Reference : 10 kHz RBW	
100 kHz ~ 2.0 GHz 2GHz ~ 3.25 GHz Preamp On 1 MHz ~ 2 GHz 2 GHz ~ 3.25 GHz ATTENUATION SWITCHING UNCERTAIL Attenuator Setting Uncertainty RBW FILTER SWITCHING UNCERTAIL 1 Hz ~ 1 MHz	± 0.5 dB ± 0.7 dB Attenuation: 0 dB; Reference: 160 MHz; 20 ~ 30°C ± 0.6 dB ± 0.8 dB TAINTY 0 ~ 50 dB in 1 dB step ± 0.25 dB NTY ± 0.25 dB	Reference: 10 kHz RBW 20 ~ 30°C; frequency > 1 MHz; Signal input 0 ~ -50 dBm; Reference level 0 ~ -50 dBm; Input attenuation 10 dB; RBW 1 kHz; VBW 1 kHz; after cal; Preamp Off	
100 kHz ~ 2.0 GHz 2GHz ~ 3.25 GHz Preamp On 1 MHz ~ 2 GHz 2 GHz ~ 3.25 GHz ATTENUATION SWITCHING UNCER Attenuator Setting Uncertainty RBW FILTER SWITCHING UNCERTAIL 1 Hz ~ 1 MHz LEVEL MEASUREMENT UNCERTAIN	± 0.5 dB ± 0.7 dB Attenuation: 0 dB; Reference: 160 MHz; 20 ~ 30°C ± 0.6 dB ± 0.8 dB **TAINTY** 0 ~ 50 dB in 1 dB step ± 0.25 dB **NTY** ± 0.25 dB **Y*	Reference: 10 kHz RBW 20 ~ 30°C; frequency > 1 MHz; Signal input 0 ~ -50 dBm; Reference level 0 ~ -50 dBm; Input attenuation 10 dB;	
100 kHz ~ 2.0 GHz 2GHz ~ 3.25 GHz Preamp On 1 MHz ~ 2 GHz 2 GHz ~ 3.25 GHz ATTENUATION SWITCHING UNCERT Attenuator Setting Uncertainty RBW FILTER SWITCHING UNCERTAIN 1 Hz ~ 1 MHz LEVEL MEASUREMENT UNCERTAIN Overall Amplitude Accuracy	± 0.5 dB ± 0.7 dB Attenuation: 0 dB; Reference: 160 MHz; 20 ~ 30°C ± 0.6 dB ± 0.8 dB TAINTY 0 ~ 50 dB in 1 dB step ± 0.25 dB NTY ± 0.25 dB TY ± 1.5 dB ± 0.5 dB	Reference: 10 kHz RBW 20 ~ 30°C; frequency > 1 MHz; Signal input 0 ~ -50 dBm; Reference level 0 ~ -50 dBm; Input attenuation 10 dB; RBW 1 kHz; VBW 1 kHz; after cal; Preamp Off Typical Preamp off; signal input -30dBm; 0 dB attenuation	
100 kHz ~ 2.0 GHz 2GHz ~ 3.25 GHz Preamp On 1 MHz ~ 2 GHz 2 GHz ~ 3.25 GHz ATTENUATION SWITCHING UNCERT Attenuator Setting Uncertainty RBW FILTER SWITCHING UNCERTAIN 1 Hz ~ 1 MHz LEVEL MEASUREMENT UNCERTAINT Overall Amplitude Accuracy SPURIOUS RESPONSE Second Harmonic Intercept	± 0.5 dB ± 0.7 dB Attenuation: 0 dB; Reference: 160 MHz; 20 ~ 30°C ± 0.6 dB ± 0.8 dB TAINTY 0 ~ 50 dB in 1 dB step ± 0.25 dB NTY ± 0.25 dB	Reference: 10 kHz RBW 20 ~ 30°C; frequency > 1 MHz; Signal input 0 ~ -50 dBm; Reference level 0 ~ -50 dBm; Input attenuation 10 dB; RBW 1 kHz; VBW 1 kHz; after cal; Preamp Off Typical Preamp off; signal input -30dBm; 0 dB attenuation Typical; 10 MHz < fc < 775 MHz Typical; 775 MHz ≤ fc < 1.625 GHz	
100 kHz ~ 2.0 GHz 2GHz ~ 3.25 GHz Preamp On 1 MHz ~ 2 GHz 2 GHz ~ 3.25 GHz ATTENUATION SWITCHING UNCERT Attenuator Setting Uncertainty 1 Hz ~ 1 MHz LEVEL MEASUREMENT UNCERTAINT Overall Amplitude Accuracy SPURIOUS RESPONSE	± 0.5 dB ± 0.7 dB Attenuation: 0 dB; Reference: 160 MHz; 20 ~ 30°C ± 0.6 dB ± 0.8 dB TAINTY 0 ~ 50 dB in 1 dB step ± 0.25 dB NTY ± 0.25 dB TY ± 1.5 dB ± 0.5 dB	Reference: 10 kHz RBW 20 ~ 30°C; frequency > 1 MHz; Signal input 0 ~ -50 dBm; Reference level 0 ~ -50 dBm; Input attenuation 10 dB; RBW 1 kHz; VBW 1 kHz; after cal; Preamp Off Typical Preamp off; signal input -30dBm; 0 dB attenuation Typical; 10 MHz < fc < 7.75 MHz Typical; 775 MHz ≤ fc < 1.625 GHz Preamp off; signal input -30dBm; 0 dB attenuation 300 MHz ~ 3.25 GHz	
100 kHz ~ 2.0 GHz 2GHz ~ 3.25 GHz Preamp On 1 MHz ~ 2 GHz 2 GHz ~ 3.25 GHz ATTENUATION SWITCHING UNCERT Attenuator Setting Uncertainty RBW FILTER SWITCHING UNCERTAIN 1 Hz ~ 1 MHz LEVEL MEASUREMENT UNCERTAINT Overall Amplitude Accuracy SPURIOUS RESPONSE Second Harmonic Intercept	± 0.5 dB ± 0.7 dB Attenuation: 0 dB; Reference: 160 MHz; 20 ~ 30°C ± 0.6 dB ± 0.8 dB **CAINTY** 0 ~ 50 dB in 1 dB step ± 0.25 dB **NTY** ± 0.25 dB **TY* ± 1.5 dB ± 0.5 dB +35 dBm +60 dBm	Reference: 10 kHz RBW 20 ~ 30°C; frequency > 1 MHz; Signal input 0 ~ -50 dBm; Reference level 0 ~ -50 dBm; Input attenuation 10 dB; RBW 1 kHz; VBW 1 kHz; after cal; Preamp Off Typical Preamp off; signal input -30dBm; 0 dB attenuation Typical; 10 MHz < fc < 775 MHz Typical; 775 MHz < fc < 1.625 GHz Preamp off; signal input -30dBm; 0 dB attenuation	

SPECIFICATIONS			
SWEEP			
SWEEP TIME			
Range	204 μs ~ 1000 s 50 μs ~ 1000 s	Span > 0 Hz Span = 0 Hz; Min resolution=10 μs	
Sweep Mode	Continuous; Single Free run; Video; External	, , , , , , , , , , , , , , , , , , ,	
Trigger Source Trigger Slope	Positive or negative edge		
RF PREAMPLIFIER			
Frequency Range	1 MHz ~ 3.25 GHz	N 16 (H I) I N	
Gain FRONT PANEL INPUT/OUTPU	18 dB	Nominal (installed as standard)	
RF INPUT	-		
Connector Type	N-type female		
Impedance VSWR	50Ω <1.6:1	Nominal 300 kHz ~ 3.25 GHz ; Input attenuator ≥10 dB	
POWER FOR OPTION		,,,,	
Connector Type	SMB male	wra 1	
Voltage/Current USB HOST	DC +7V/500 mA max	With short-circuit protection	
Connector Type	A plug		
Protocol	Version 2.0	Support Full/High/Low speed	
MICRO SD SOCKET	CD 1.1		
Protocol Support Cards	SD 1.1 Micro SD, Micro SDHC	Up to 32GB capacity	
REAR PANEINPUT/ OUTPUT			
REFERENCE OUTPUT			
Connector Type Output Frequency	BNC female 10 MHz	Nominal	
Output Amplitude	3.3V CMOS		
Output Impedance REFERENCE INPUT	50 Ω		
Connector Type	BNC female		
Input Reference Frequency Input Amplitude	10 MHz		
Frequency Lock Range	-5 dBm ~ +10 dBm Within ± 5 ppm of the input reference frequency		
ALARM OUTPUT			
Connector Type TRIGGER INPUT/GATED SWEEP I	BNC female	Open-collector	
Connector Type	BNC female		
Input Amplitude Switch	3.3V CMOS Auto selection by function		
LAN TCP/IP INTERFACE	Auto selection by function		
Connector Type	RJ-45		
Base	10Base-T; 100Base-Tx; Auto-MDIX		
USB DEVICE Connector Type	B plug	For remote control only; supports USB TMC	
Protocol	Version 2.0	Supports Full/High/Low speed	
IF OUTPUT	L mate a la		
Connector Type Impedance	SMA female 50Ω	Nominal	
IF Frequency Output Level	886 MHz -25 dBm	Nominal 10 dB attenuation; RF input: 0 dBm @ 1 GHz	
EARPHONE OUTPUT	-23 dBiii	10 dB attenuation, Kr. input : 0 dBin @ 1 GHZ	
Connector Type	3.5mm stereo jack, wired for mono operation		
VIDEO OUTPUT		lu va	
Connector Type	DVI-I (integrated analog and digital), Single Link. Compatible v	yith VGA or HDMI standard through adapter	
RS-232C INTERFACE Connector Type	D-sub 9-pin female	Tx , Rx , RTS , CTS	
GPIB INTERFACE (OPTIONAL)	- and a particular	, , ,	
Connector Type	IEEE-488 bus connector		
AC POWER INPUT	AC 100 V 240 V 50/C0 II-		
Power Source BATTERY PACK (OPTIONAL)	AC 100 V ~ 240 V, 50/60 Hz	Auto range selection	
Battery Pack	6 cells, Li-Ion rechargeable, 3S2P	With UN38.3 Certification	
Voltage Capacity	DC 10.8 V 5200 mAh/56Wh		
GENERAL	5200 III III 50 T II		
Internal Data Storage	16 MB nominal		
Power Consumption Warm-up Time	< 65 W < 30 minutes		
Temperature Range	+5 °C ~ + 45 °C	Operating	
Dimensions & Weight	-20 °C ~ + 70 °C 350(W) x 210(H) x 100(D) mm, Approx. 4.5kg	Storage Inc. all options (Basic + TG + GPIB + Battery)	
	13.8(W) x 8.3(H) x 3.9(D) inch, Approx. 9.9lb		
TRACKING GENERATOR (OP			
Frequency Range Output Power	100 kHz ~ 3.25 GHz -50 dBm ~ 0 dBm in 0.5 dB steps		
Connector Type Output VSWR	N-type female	50Ω Nominal	
Output vovik	< 1.6 : 1	300 kHz ~ 3 GHz, source attenuation ≥12 dB	

Specifications subject to change without notice.

GSP-9330GD1DH

ORDERING INFORMATION

GSP-9330 3.25 GHz Spectrum Analyzer

EMC Pretest Solution: GKT-008 EMI Near Field Probe Set

GLN-5040A GIT-5060 Line Impedance Stabilization Network Isolation transformer GPL-5010

Transient Limiter

ACCESSORIES:

Power Cord, Certificate of Calibration, CD-ROM (with Quick Start Guide, User Manual, Programming Manual, SpectrumShot Software, SpectrumShot Guide & IVI Driver)

Opt.01 Tracking Generator Opt.02 Battery Pack

Opt.03 GPIB Interface

OPTIONAL ACCESSORIES

GSC-009 Soft Carrying Case GRA-415 Rack Adapter Panel

SpectrumShot PC Software for Windows System (available on GW Instek website) IVI Driver Supports LabVIEW/LabWindows/CVI Programming (available on NI website)

