GWINSTEK

Made to Measure

GSP-730

🖨 PRINT

Features

- Frequency Range : 150kHz ~ 3GHz
- Autoset Function
- Noise Floor: ≦-100dBm
- RBW Range : 30kHz, 100kHz, 300kHz, 1MHz
- ACPR/CHPW/OCBW Measurement
- 3 Traces in Different Colors
- Split Window Function
- Limit Line Function
- Remote Control Software
- Presentation Material for Training Courses
- Support Interface : USB Device/Host, RS-232C
- 5.6" TFT LCD with VGA Output

Safety

CE   RS-232   USB   VGA Output   PC Software

❙ **Description**

❙ **Specification**

Frequency
Frequency Range

	Setting Range	150kHz to 3GHz

Center Frequency

	Setting Resolution	0.1MHz
	Accuracy	within ±50kHz (frequency span : 0.3GHz to 2.6GHz, 20 ±5°C)

Frequency Span

	Setting range	1MHz to 3GHz
	Accuracy	within ±3% (frequency span : 0.3GHz to 2.6GHz, 20 ±5°C)

Resolution Bandwidth

	Setting Range	30KHz, 100KHz, 300KHz,1MHz,

SSB Phase Noise

		-85dBc / Hz (typical, 500kHz offset, RBW : 30kHz, Sweep time: 1.5s, Span:1MHz@1GHz)
Inherent Spurious Response		
		less than -45dBc @ -40dBm Ref. Level (typical less than -50dBc)

Amplitude

Reference Level		
	Input Range	+20 to -40dBm
	Accuracy	Within ±2dB (1GHz);SPAN:5MHz
	Unit	dBm, dBV, dBμV
Average Noise Level		
	≤ -100dBm (typical, center frequency : 1GHz RBW : 30kHz)	
Frequency Characteristic		
	within ±3.0dB @300MHz~2.6GHz,	
	within ±6.0dB @ 80~300MHz, 2.6~3GHz	
Input		
	Input Impedance	50ohm
	Input VSWR	less than 2.0@input att ≧10dB
	Input damage level	+30dBm (CW average power), 25VDC
	Input connector	N connector

Sweep

Sweep Time		
	Setting Range	300ms to 8.4s, auto (not adjustable)
	Accuracy	within ±2% (frequency span : full span)

General

Communication		
	Display	640*480 RGB color LCD
Interface		
	RS-232C	Sub-D female-D 9 pins
	USB Connector	USB Host/Device full speed supported
VGA Output		
		Sub-D female 15 pins
Power Source		
		AC 100~240V, 50/60Hz

Other

	Operating Temperature	5 to 45°C (Guaranteed at 25 ±5°C, without soft carrying case)
	Operating Humidity	Less than 45°C / 90%RH
	Storage Temperature	-20 to 60°C, less than 60°C / 70%RH
	Dimensions	296 (L) × 153 (W) × 105 (H) mm
	Weight	Approx. 2.2kg

❚ **Accessories**

GSP-730
Quick Start manual *1, User Manual CD *1, Power Cord *1
GRF-1300
Experiment test book of student version, Power point file and remote control software
CD, RF Cable *3, Antenna *1, N to SMA adaptor connector, Power Cord *1

Option
Experiment text book of teacher version

Free Download
PC Software Remote Monitor Software

❙ Ordering Information

GSP-730 3GHz Spectrum Analyzer
GRF-1300 RF and Communication System Trainer