

GSP-730 Specifications

The specifications apply when the GSP-730 is powered on for at least 30 minutes under +20°C~+30°C.

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
	Unit	dBm, dBV, dBμV
Average Noise Level		
		≤ -100dBm (typical, center frequency : 1GHz RBW : 30kHz)
Frequency Characteristic		
		Accuracy : Within ±2dB (1GHz);SPAN:5MHz; Ref. Level 0dBm, input signal -10dBm; 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