

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 Accuracy	0.1MHz within ±50kHz (frequency span : 0.3GHz to 2.6GHz, 20 ±5°C)
Frequency Span	Setting range Accuracy	1MHz to 3GHz 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 Unit	+20 to -40dBm 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 Input VSWR Input damage level Input connector	50ohm less than 2.0@input att ≥ 10dB +30dBm (CW average power), 25VDC N connector
Sweep		
Sweep Time	Setting Range Accuracy	300ms to 8.4s, auto (not adjustable) within ±2% (frequency span : full span)
General		
Communication	Display	640*480 RGB color LCD
Interface	RS-232C USB Connector	Sub-D female-D 9 pins 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