

Specifications

SPECIFICATIONS	DESCRIPTION
Frequency Range	10 MHz to 1 GHz, Usable from 150 KHz to 1.15 GHz
Frequency Resolution	1 kHz Center Frequency, 40 Hz Sweep Resolution
Frequency Stability	?10 ppm
Frequency Display	Zero to 1.15 GHz
Frequency Control	Digital Phase Lock
Frequency Spans	Zero span, 2kHz to 100 MHz / division in a 2-5-10 sequence
Resolution Bandwidths	3 kHz, 30kHz, 220 kHz, 4 MHz, ?15%
Video Bandwidth	1.6 kHz typical (auto switched with RBW)
Reference Level Range	-100 dBm to +20 dBm
Reference Level Accuracy	?0 dB at 80 MHz
Input Level Range	-100 dBm to +20 dBm
Input Level Overload	+30 dBm for 1 minute max, any scale, DC block to ?5 V
Input Connection	Female Type N Connector, 50 Ohm Nominal
Input Return Loss	Less than 16 dBRL (VSWR < 1.35)
Input Attenuation	50 dB to 0 dB in 10 dB Steps
Level Accuracy	?5 dB typical at 80 MHz, 0 dBm reference level
Level Linearity	?1.5 dB over 70 dB (RBW dependent)
Reference Level Flatness	?1.5 dB span less than 10 MHz/div, less than ?2.5 dB full span
Display Range	75 dB Typical
Noise Floor	-95 dBm at 30 KHz RBW, -100 dBm Typical
Phase Noise	-77 dBc / Hz at 30 KHz offset
Harmonic Spurious	Less than -40 dBc, RF input < selected reference level
Non-Harmonic Spurious	Less than -60 dBc, typical from reference level, average mode 5 MHz/div
Power Source	100 to 130 VDC, 210 to 240 VAC, Less than 100 VA
Dimensions(approx.)	12.5"(W) x 5.75"(H) x 17.0"(D)
Weight	18 lbs.

Optional Modules

OPTION MODULE #	DESCRIPTION
TKG-2250	Tracking Generator Option
PWR-2250	Power Meter Option
REC-2250	Receiver Option
FEX5-2250	5.6 GHz Frequency Ext. Option
HSO-2250	High-stability (+/-2 ppm) Osc Option
REM-2250	Remote Control Option for Windows 95/98/NT/2000
PALM-2250	Remote Control for Palm-OS
P-20A	RF-Probe
LPT-575	75 Ohm Adapter & Calibration
LPT-850	Return Loss Bridge (5-1300 MHz)
LPT-CAL	Calibration for LPT-2250 Spectrum Analyzer