

LPT-1250 Portable Spectrum Analyzer

Part No. 01LPT125ADP

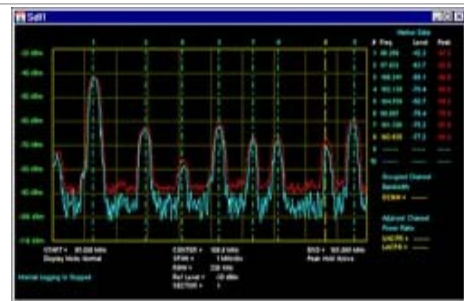
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FEATURE HIGHLIGHTS:

- * Marker Peak-Signal Find
- * On Screen Markers with Signal Level Readout
- * Front Panel Setup Save and Recall
- * Accurate and stable in frequency/level Reading
- * Average and Hold Function
- * Digitally synthesized RF system
- * Frequency range of More than 1 GHz
- * Input Levels - 100 dBm to +20 dBm
- * Optional tracking generator, remote control, Power Meter and AM/FM Receiver
- * Easy to Use, Simply Keyboard
- * Friendly Windows Software
- * Overload Protection to 50VDC and +30 dBm in Any Settings
- * Stable, Accurate and Consistent
- * Measure Amplifiers, Filters and Antennas for Transmission Characteristics
- * Add a Return Loss Bridge for Reflection Measurements of Antennas, Amplifiers and other components
- * Accurate Average Power Measurement
- * IF and RF System Testing ; RF Amplifier Testing
- * CATV Testing and Troubleshooting

APPLICATIONS:

- * Pre- and Post-EMC Submittal Testing and Trouble Shooting
- * IF and RF Circuits and Systems (Oscillators, Amplifiers, Filters, Mixers)
- * Calibration and Verification Testing
- * Remote and Mobile Monitoring
- * Television
- * Consumer Wireless Remotes, Microphones, Monitors
- * Cellular and PCS Phones and Base Stations
- * Two-Way Radio, Trunked-Radio and Paging
- * Manufacturing
- * Field Service
- * 900 MHz ISM
- * Education
- * Automatic Keyless Entry Testing



LPT 1250 Specs

ITEMS	DESCRIPTION
Frequency Range	10 MHz to 1 GHz, Usable from 150 KHz to 1.15 GHz, 2.6 GHz with Option
Frequency Resolution	1 kHz Center Frequency, 40 Hz Sweep Resolution
Frequency Stability	<10 ppm
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)
RF Sweep Rate	20 mSec/div
Input Level Range	-100 dBm to +20 dBm
Input Level Overload	+30 dBm for 1 minute max, any scale, DC block to 50 VDC
Reference Level Accuracy	< .5 dB at 80 MHz \pm .5dB over +20 to -30 dBm setting
Display Range Linearity	< .5 dB over 70 dB range (RBW dependent)
Display Level Flatness	< 1.5 dB at less than 10 MHz / division
Reference Level Range	-30 dBm to +20 dBm
Display Range	75 dB usable
Average Noise	-140 dBm / Hz typical
Phase Noise	less than 1.6 A max (all options)
Power Source	-77 dBc / Hz at 30 KHz offset
Dimensions(approx.)	Less than 1.0 A(base unit), 11VDC to 16 VDC
Weight	less than 1.6 A max (all options)
	8.5"(W) x 3.0"(H) x 10.0"(D)
	Less than 5 lbs.