



## Amitec Spectrum Analyser X Band SAX01

Amitec Model SAX01 spectrum analyzer is designed to allow you to actually SEE the Electronic *Spectrum* in "real time" of X band sources. It can be used for analysis in frequency domain to get the complete picture. The modulation products and sidebands of AM, FM, SSB, DSB, DSB-SC, VSB waveforms can be studied. The frequency range and high sensitivity is suited to EMI/EMC measurements, both radiated and conducted. This aids both identification of signals, particularly background, and the location of problem emissions.

## Amitec SAX01 Technical Specifications

Frequency	: X Band
Center frequency:	Digital Display
Sensitivity	: -60dBm
Max. RF Input	: +20 dBm
Input Impedance:	50 Ohms N connector
IF Bandwidth	: 300KHz Nominal
Horizontal scan	: upto50MHz/div continuous
Center freq.	: Variable control
Dynamic range	: 50dB typical
CRO Output	: Linear X out
	: Log Y out
Power Supply	: 220V $\pm$ 10%, 50Hz AC

## Amitec SAX01 Features:

- \* X Band measurement range
- \* Waveform and modulation independent
- \* Low cost with high performance
- \* Inbuilt frequency counter
- \* Wide input range -60dBm to +20 dBm.
- \* Shows Gunn, Klystrons, Magnetrons, DRO's etc. AM and FM modulation
- \* Relative power & VSWR measurement
- \* Observe Spurious outputs of Gunn, Klystron
- \* Observe leakage in waveguide Flanges
- \* Gain, coupling, loss measurement

## E-Manual: Installation Video for ease of Learning

Specifications are subject to upgrade due to constant innovation. Accessories shown in the photograph are not part of standard equipment.

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