



### Amitec Spectrum Analyser SAA05

### Amitec SAA05 Technical Specifications

Amitec Model SAA05 spectrum analyzer is designed to allow you to actually SEE the Electronic *Spectrum* in "real time". 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 SAA05 Features:

- \* 10MHz to 500MHz measurement range
- \* Waveform and modulation independent
- \* Low cost with high performance
- \* Inbuilt frequency counter

Frequency	:	10 MHz – 500 MHz
Center frequency	:	4 digit LED display
Accuracy	:	± 0.1%
Resolution	:	100KHz
Sensitivity	:	-70dBm
Attenuator	:	40dB & 20dB External
Input Impedance	:	50 Ohms (BNC)
Horizontal scan	:	upto 50MHz/div continuous
Center freq.	:	Variable control
Dynamic range	:	60dB typical
CRO Output	:	Linear X out (BNC)
	:	Log Y out (BNC)
Power Supply	:	220V ± 10%, 50Hz AC
Accessories	:	Mains Lead, BNC-BNC

[E-Manual: Installation DVD for ease of Learning.](#)

#### (OPTIONAL) Training Modules

1. Clapp RF Oscillator ~100MHz/90dBuV
2. Colpitts crystal Oscillator ~40MHz/90dBuV
3. Butler crystal Oscillator ~100MHz/80dBuV
4. Crystal frequency multiplier ~80MHz/80dBuV

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

**Mfd by: Amitec Electronics Ltd.**  
**Regd. Off: 504, Nilgiri, Barakhamba Road, New Delhi-110001**  
**Works: 4/32, Site-4, Industrial Estate Sahibabad, UP-201010**  
**amitec@rediffmail.com, www.amitec.co.in**  
**91-120-4371276, 91-9811839949, 91-9810193153**

