



**Amitec Wobbulator SMG05**

**Amitec SMG05 Technical Specifications**

Amitec Model SMG05 Wobbulator 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 SMG05 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 Video 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.

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