



## Amitec Microwave Signal Source MSG10L

Amitec Model MSG10L is a L Band PLL synthesized Digital Signal RF generator has been designed for experimentation and teaching of various commonly used circuits in L Band (Microwave band) in the laboratory for students of all levels. This equipment can be used as a very stable carrier generator with internal and external modulation facilities in a wide variety of applications. Excellent RF shielding inside for very low leakage and testing of receivers. FM modulation provided can be used for testing of receivers.

### Amitec MSG10L Features:

- \* PLL stabilized signal source operating in the frequency range of 5-2000 MHz with minimum 50 KHz and maximum 100 MHz step size for full range testing and modeling of antennas, filters etc.
- \* Highly accurate frequency
- \* FM facility
- \* Low spurious harmonics
- \* Covers GSM I & II, CDMA

## Amitec MSG10L Technical Specifications:

### PLL Synthesized Digital RF Generator

Frequency range:	5-2000 MHz PLL synthesized in 3 ranges
Step size	: 0.05, 0.1, 0.25, 0.5, 1, 10, 100 MHz
Accuracy	: 0.01%
Display	: 16X2 Backlit LCD
Controls	: Menu, Enter, Escape, Up & Down buttons.
Memory	: 1000 individual frequencies can be stored
Modulation FM	: Internal 1KHz/ External Micro phone for audio modulation
RF Level	: +3dBm Typical
Level Accuracy	: +/- 3 dB
Attenuator	: 40dB, 20dB (external)
Output Z	: 50 ohms
Auto mode	: Tracking operation with receiver
Power Supply	: 220V AC $\pm$ 10%

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

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