



## Amitec Field Strength Meter FSM20

Amitec Model FSM20 PLL synthesized Digital Field Strength Meter 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 receiver with internal demodulation facilities in a wide variety of applications. Excellent RF shielding inside for very low leakage and testing of sources. FM demodulation provided can be used for testing of signal sources.

### Amitec FSM20 Features:

- \* PLL stabilized Field strength meter operating in the frequency range of 5-2000 MHz with minimum 50 Khz and maximum 10 MHz step size for full range testing and modeling of antennas, filters etc.
- \* Highly accurate frequency reception
- \* FM demodulation facility
- \* Low spurious harmonics
- \* Covers GSM I & II, CDMA band

## Amitec FSM20 Technical Specifications:

### PLL Synthesized Digital RF Field Strength meter

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
Measurements	: RF power level measurement in dBuV with 0.1dB resolution
Dynamic range	: 110 dB (70dB logarithmic + 40dB attenuator)
Speaker	: Inbuilt for Audio output
Attenuator	: 40dB, 20dB (external)
Output Z	: 50 ohms
Auto mode	: Tracking operation with source
Power Supply	: 220VAC $\pm$ 10%

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@amitecltd.com, www.amitecltd.com**  
**91-120-4371276, 91-9811839949, 91-9810193153**

