



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	: 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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