



FEATURES

- Synthesized for High accuracy and Stability
- Keypad Entry for simplicity and Ease of use
- 20 Memory Locations:
 - User Programmable with memory backup
- FM/AM Signal Generator:
 - Key in any frequency from 400 KHz to 30 MHz and 85 MHz to 110 MHz. Can select FM, AM or Carrier at that frequency
- 20 spot Frequencies which can be entered and changed as and when required :
 - Key in any frequency in the above range and store it in a memory location And can recall any of these frequencies at random
- Memory Backup:
 - The 20 Spot Frequencies will be retained when disconnecting the main power
- Microprocessor based equipment using synthesized techniques
- 6 digit LED display

SPECIFICATIONS

Frequency

Frequency range : 400 KHz to 150 MHz
 Programmable Frequency : 0 dBm.

Display : 6 digit LED display in MHz with a resolution of 1KHz

Accuracy : 1 X 10⁻⁵ (10ppm) over the full frequency range

Freq / Prog Selection : Keypad Entry

FM /AM /CW : Keypad Entry

Spectral Purity

Harmonic : Less than 20 dBc

Output

Amplitude : 200mv p-p

Impedance : 50 Ohms

Range : 10dBm to -110dBm into 50 Ohms in steps of 20, 20, 20, 20, 10dB and 10 steps of 1dB

Minimum Output : 2uV p-p (.7uVrms)

Modulation

AM

Internal Source : 1 KHz = 0% sinewave

Depth : 30 %

Accuracy : + 5%

Distortion : Less than 5%

Freq Range : 400 KHz to 30 Mhz

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Modulation**FM (Mono)**

Internal Modulation	: 1 KHz + 10%
Peak Deviation	: 22.5 KHz peak
Accuracy	: + 3 KHz
Distortion	: + 3% or better

FM (Stereo)

Internal Modulation	: 1 KHz + 10%, Left, Right Ch On /Off provided
Peak Deviation	: 75 KHz peak
Pilot Signals:-	
Freq Deviation	: 7.5 KHz + 1 KHz
Frequency	: 19 KHz + 0.1%
Separation	: 40dB or more

General

Power	: 230V = 10%, 50 Mhz
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DELIVERABLES:

Operating manual, Cable

