



Technical Specifications

Generator :
Waveforms : Sine
Amplitude : Adjustable from 0 - 4 V_{pp}
Frequency : Adjustable from 0.1 to 1 KHz & 1 to 10 KHz

VC0 1:
Output signal : Sine
Frequency : 400 KHz to 1500 KHz
Amplitude : Adjustable from 0-2 V_{pp}
Inputs : Modulating signal

VC0 2 :
Output signal : Sine
Frequency : Switching on 2 ranges 400 KHz to 500 KHz and 500 KHz to 1500 KHz
Amplitude : Adjustable from 0-2 V_{pp}
Input : Modulating Signal, Marker

Sweep :
Frequency: 7 Hz
Depth : Adjustable

RF Detector : Input level adjustable
Balanced Modulator : Adjustable output amplitude & Adjustable carrier null

Ceramic filter : Central frequency 455 KHz
Bandwidth : 3 ±1 KHz
Low pass filter : Cut off frequency 10 KHz
PLL Detector : 1 Nos.
Interconnections : 4mm. banana sockets
Test Points : 8 Nos.
Weight : 2.8 Kg (approx.)
Power Supply : 220 V ±10 %, 50 Hz / 60 Hz on request
Power Consumption : 2.5 VA (approx.)
Dimension (mm.) : W 340 × D 241 × H 105
Accessories : Line cord, manual and patch cords

Experiments that can be performed

- Frequency deviation and modulation index
- Marker insertion to evaluate frequency deviation
- Spectrum of FM signal
- FM demodulation (PLL Detector)

