



Technical Specifications

Audio Oscillator	: With adjustable Amplitude & Frequency (300 Hz - 3.4 KHz)
Audio Output	: Amplifier with speaker
Modulators	: Balanced Modulator with Band pass Filter (1 MHz) - 2 Nos. Balanced Modulator (455 KHz) - 1 No. Ceramic Bandpass Filter - 1 No.
Carrier Frequency	: 1 MHz (Crystal controlled)
Transmitter Amplifier Output	: (Gain adjustable) DSB (1 MHz), SSB (1.445 MHz) connected to Antenna/cable
Switched Faults	: 8 Nos.
Interconnections	: 4mm Banana Socket
Test Points	: 27
Power Supply	: 220 V \pm 10 %, 50 Hz / 60 Hz on request
Power Consumption	: 4 VA (approx.)
Dimension (mm.)	: W 340 \times D 241 \times H 105
Weight	: 2.8 Kg (approx.)
Accessories	: Line cord, Manual, Set of patch cords

- ◆ Crystal controlled carrier frequency
- ◆ On-board Audio Oscillator, Modulators,
- ◆ BP Filters, 455 KHz Generator, Transmitting Antenna and Speaker

Experiments that can be performed

- ◆ Study of carrier frequency generation
- ◆ Study of DSB & SSB AM generation & Transmission
- ◆ Study of Transmitter tuned circuits
- ◆ Study of Modulation index

Note: Specifications are subject to change.

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