



Electronic Volt Ohm Meter (VTVM) code 5121

Specification

DC VOLTAGE

RANGE: 1.5V to 1500V FSD in Seven Range of 1.5V , 5V , 15V , 50V , 150V, 500V , 1500V

ACCURACY: $\pm 3\%$ of Range

INPUT IMPEDANCE: 10 M ohms.

OVER LOAD PROTECTION: 1500V DC.

AC VOLTAGE

RANGE: 1.5V FSD to 1500V FSD in Seven Range of 1.5V , 5V , 15V , 50V , 150V, 500V , 1500V

ACCURACY: $\pm 5\%$ of Range

INPUT IMPEDANCE: 1 M ohm. At low Frequency 10 Hz to 500 KHz accuracy $\pm 10\%$ upto 10MHz.

FREQUENCY RESPONSE: 10 Hz to 500 KHz. accuracy $\pm 10\%$ upto 10MHz

MAXIMUM INPUT VOLTAGE: 200V RMS upto 150V Range, 1500V RMS on 500V & 1500V Range.

OHMS

RANGE: 0.2 ohm to 1000 M ohm in 7 decade Range with 10 ohm to 10M ohm Centre Scale

ACCURACY: $\pm 5\%$ of mid scale POWER SUPPLY: 230V $\pm 10\%$ 50 Hz

Function Generator code 5123

FUNCTION GENERATOR capable of Providing SINE, SQUARE, TRIANGLE Wave From. It has linear Frequency Scale very low Distorsion and constant signal amplitude with the output Signal Symmetry about Zero. The DC coupled output provides square wave without any appreciable Sag at low frequency. It has a maximum 20 VP/P amplitude. The output is protected against short circuit. It has a offset control provided to shift the base line of signal by ± 10

volts . The continuously variable DC offset control further enhance the versatility of the instrument. The equipment is used in Audio Electronics and other Laboratory & Research Work.

Specification

- FREQUENCY RANGE : 0.1 Hz to 1MHz in six decade Range.
- DEAL ACCURACY : $\pm 5\%$ Of Range .WAVE FORMS : • SINE, SQUARE & TRINGLE, TTL • SQUARE WAVE (SEPARATE O/P) • AMPLITUDE : 0-20V P/P for all Function. • SINE WAVE DISTORSION : Less than 1% from 100Hz to 100KHz , SQUARE WAVE DUTY CYCLE : 49% To 51% • SQUARE WAVE RISE TIME : Less than 100 nano Sec. At Maximum amplitude. • OUTPUT IMPEDANCE : 600 Ohm $\pm 5\%$ • POWER REQUIRED : 230V AC $\pm 10\%$



Oscillator.code 5124

Specification

FREQUENCY RANGE : 1Hz to 1 MHz in 6 Decade Range.

- DIAL ACCURACY : $\pm 3\%$ of Range.
- WAVE FROM : SINE & SQUARE WAVE.
- OUTPUT VOLTAGE : • Sine Wave 0-10V in 3 Decade Step of 10V IV & 0.IV with Consciously Variable control. • Square Wave 0-15V P/P Continuously Variable.
- SINE WAVE DISTORSION : Less than 0.5% from 100Hz to 100KHz.
- SQUARE WAVE RISE TIME : Less than 100 nano seconds at maximum output.
- SQUARE WAVE SYMMETRY : Duty Factor variable from 0% to 80%.
- OUTPUT IMPEDANCE : 600 Ohm $\pm 5\%$.
- POWER : 230V AC $\pm 10\%$.

