

VIJAYANTA

VIJAI ELECTRONICS
28/147, CIVIL LINES
ROORKEE - 247667



AUDIO FREQUENCY OSCILLATOR,

MODEL - AF - 712.

Model - 712 A.F. Oscillator is an economical but versatile sine and square wave generator for Audio and supersonic frequencies between 20 Hz and 200 KHz. It is suitable for measurement of frequency and distortion of Audio and wide band filters and transmission systems.



The design employs Wien Bridge circuit. The output impedance of the Oscillator is low, thus minimizing effects of loading with good regulation.

The instrument is housed in an aluminum cabinet duly painted.

SPECIFICATIONS :

Frequency Range	:	20 Hz to 20 KHz in 4 decade range , square wave upto 20 KHz.
Accuracy	:	$\pm 2\%$, ± 1 Hz.
Wave Form	:	Sine and Square - Selectable.
Output Voltage	:	0-10,Volts continuously variable with Coarse and Fine Controls.
Stability	:	0.5% after warm - up time of 10, minutes.
Output Impedance	:	600, ohms.
Distortion	:	Less than 1% between 10 Hz and 20 KHz.
Power Source	:	200 - 250, Volts, 50 Hz.