



Product name:
Signal Generator and Amplifier

Product code:
CIVIL-SUND-119-0012



Description

Signal Generator and Amplifier

Technical specification

Amplifier voltage gain: 100

Frequency Response: DC to 100KHz, -3 dB, output power 4.5W into 4Ω load

Controls : All control settings except amplitude are stored and updated upon any changes.

Electric Supply: 220V~240V, 50Hz

Amplitude Control: Variable from zero to maximum output in 256 increments, amplitude is displayed by a 10 segment bar graph

Attenuation: x1, x 0.1, x0.01, ±1%, operating only on the 600Ω output.

Weight : Approx. 2.05kg , without power cord

Dimensions: approx. 210mm x155mm x 118mm L X W x D

The earth provided is connected to the physical earth through the power cord; the signal generator output is floating with respect to ground. Do not open the unit as this will make your warranty void.

NAUGRA®

Power supply unit with detachable power lead for easy storage

Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exports India

The Signal generator is a robust instrument and can withstand prolonged short circuit for the output.

Email us at: export@civilmechanicalindia.com

High Impedance Output: Maximum 17V peak to peak from internal source impedance of 600Ω

Low Impedance output: 6V R.M.S. at 4Ω (about 8.8V peak for all waveforms)

Maximum Power output of 4.5W available over the entire frequency range for all waveforms.

Maximum Power Transfer occurs when the load is 4Ω, giving $62/(4+4) = 4.5W$

Frequency Range: 0.1 Hz to 99.9 KHz in six decades, read on digital display.

Frequency Accuracy: 0.01% (100 ppm) in all ranges

Output waveform: Sine, Rectangular and Triangular