



THE LAB EQUIPMENT

Email : sales@thelabequipment.com

Phone: +91-8759245890

Product Name :

Signal Generator and Amplifier

Product Code :

SLE/PHY/130



Website: <https://www.thelabequipment.com>, **Email:** sales@thelabequipment.com

plot. no.296. Sector 5. Vaishali. Ghaziabad. Uttar Pradesh 201010



THE LAB EQUIPMENT

Email : sales@thelabequipment.com

Phone: +91-8759245890

Description :

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

The earth provided is connected to the physical earth through the power cord; the signal generator output is floating with respect to ground.

Power supply unit with detachable power lead for easy storage

Technical Specifications :

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

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

Low Impedance output: 6V R.M.S. at 4 Ω (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 4 Ω , giving $6^2/(4+4) = 4.5W$

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

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

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, $\pm 1\%$, operating only on the 600 Ω output.

Amplifier voltage gain: 100

Electric Supply: 220V~240V, 50Hz

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

Weight : Approx. 2.05kg, without power cord

Internal fuse is T315mA L

Contact Science Lab for your Educational School Science Lab Equipments. We are best engineering educational equipments, high school science lab equipment manufacturers, lab equipment exporters, lab equipments manufactruers, lab instruments manufactruers, mathematics lab equipments manufacturer.