



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Wave Generator

**Product Code :**  
LBNY-0002-680001



#### **Description :**

Wave Generator, Wave Generator Equipments, Wave Generator Tools, Wave Generator Tool Kits, Wave Generator Manufacturers, Wave Generator Suppliers from India, China, Kenya

Lab Tender Suppliers Africa and Lab Equipment Africa Kenya, Zambia, Chad, Somalia, Senegal, Zimbabwe, Guinea, Rwanda, Benin, Burundi, Tunisia, Uganda, Sudan, Algeria, Morocco, Angola, Ghana, Mozambique, Madagascar, South Africa, Ivory Coast, Cameroon, Niger, Burkina Faso, Mayotte, Sao Tome, Seychelles, South Sudan, Mali, Malawi, Nigeria, Ethiopia, Egypt, DR Congo, Mauritania, Eritrea, Gambia, Botswana, Namibia, Gabon, Lesotho, Guinea Bissau, Equatorial Guinea, Mauritius, Eswatini, Djibouti, Reunion, Comoros, Cape Verde, Western Sahara, Tanzania, Togo, Sierra Leone, Libya, Congo, Central African Republic, Liberia

#### **Technical Specification :**

The Sine Wave Generator is an excellent tool for generating waves with speakers or wave drivers. It allows the frequency (1-800 Hz) and amplitude of the sine wave to be varied. Students can observe the quantum nature of standing wave patterns as the Sine Wave Generator jumps from one resonant frequency to the next. Both fine and coarse frequency controls are included, as well as a digital display featuring a 0.1 Hz resolution. The generator also features built-in memory that allows it to "learn" new fundamental frequencies for further exploration. Anodized aluminum frame and panels made of painted steel. Main metallic elements made of stainless steel. Diagram in the front panel with distribution of the elements similar to the real one. Channel of rectangular section with transparent walls, formed by methacrylate transparent sections.

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The Wave Generator accessory enables to generate waves with a displacement plate that develops a rotating motion.

The plate is made of PVC and is driven by an electric motor with variable frequency drive.

It enables the user to vary the frequency and amplitude of the waves.

It is located on a frame made of aluminum profiles that enables to place it in any part of the channel.



**Laboratory Instrument India**