Lissajous Pattern Trainer
Nvis 6543

Nvis 6543 Lissajous Pattern Trainer is a unique product designed to explain the measurement of unknown frequency, phase difference and resonance frequency using Lissajous Pattern. It includes two sine wave generators for ease of operation.

Cathode Ray Oscilloscope is one of the most versatile and widely used electronic instrument useful in measuring wave parameters such as time period, frequency and voltage. Lissajous patterns are formed on the CRO screen when two signals are provided simultaneously on channel X & Y in XY mode. The result of these patterns help in analyzing signal parameters.
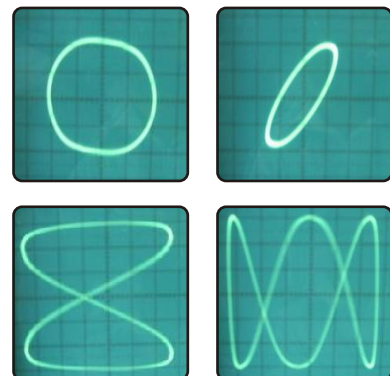
Features

- **Inbuilt Sine wave Generators**
- **Unique and compact design**
- **e-Manual**
- **Two year warranty**

Scope of Learning

- Study of Lissajous figures
- Unknown frequency calculation using Lissajous figures
- RLC resonance frequency calculation using Lissajous figures
- Phase Difference calculation using Lissajous figures.

Technical Specifications

Mains Supply	:	230V±10%, 50Hz
Inbuilt DC Supply	:	+12 V, 500 mA
Signal Generators		
Frequency	:	10 Hz to 100 kHz
Amplitude	:	0 to 5Vpp
Dimensions (in mm)	:	W 300 × D 65 × H 230
Weight	:	1kg (approx.)

Lissajous Patterns