

Lissajous Pattern Trainer (BA-11) has been designed specifically to demonstrate the importance of Lissajous Patterns. This kit is an extremely useful laboratory kit which provides facilities for hands on various experiments in the field of electronics and provides all necessary inputs and connections for students to study Lissajous Patterns and their use. Using this kit student can perform different types of experiments like; lissajous figures, unknown frequency calculation & etc. This kit is extensively designed for institutions to train/teach their students in more effective manner about application of Lissajous Figures. This kit comes with built-in signal generator & other useful resources. This is helpful in understanding fundamentals of the Lissajous Pattern.

Features

- User friendly front panel.
- Built-in useful resources.
- On-board Signal Generator.
- On-board Required set of Components.
- Power ON switch with indicator.
- Symbols and Diagrams are printed on Glass Epoxy PCB.
- All important test points are brought out in front panel with 2mm banana sockets.
- Attractive ABS Plastic Cabinet.

Technical Specifications

Signal Generator	: (Upto 10KHz)- 2nos.
On-board Component Bank.	: Resistor Inductors Bank. Capacitors
Interconnections	: Interconnections are done using 2mm banana sockets.

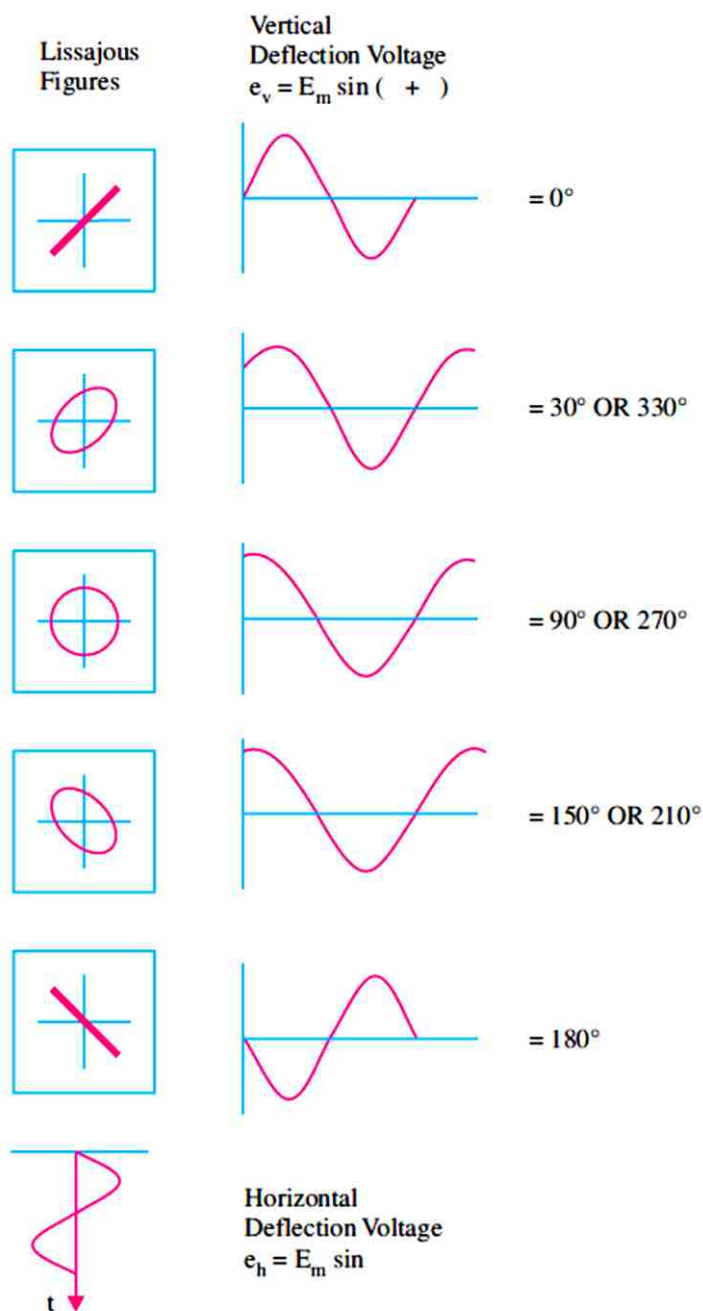
Electrical/Mechanical Specifications:

Power ON switch with indicator and fuse for protection.	
Input Line Voltage	: 230V AC, $\pm 10\%$, 50Hz
Dimensions (mm)	: W163 x H 175 x 62 (H) (Approx).
Weight	: 1.5Kg.(Approx)

Learning's

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

Lissajous figures with Oscilloscope waveform



Package Contents



Power Cable



Patch Cord



User Manual

Mine Instruments Pvt. Ltd. An ISO 9001:2015 Certified Company

67-B, First Floor, Electronic Complex, Pardeshipura, Indore-452010 (M.P.) India

e-mail: info@mineinstruments.com; sales@mineinstruments.com

www.mineinstruments.com; www.mineinstruments.in, [+91-731-4246503](tel:+91-731-4246503) [+91-6262603222](tel:+91-6262603222), [+91-6262603777](tel:+91-6262603777)

Regional [East : +91-6262601000](tel:+91-6262601000),

[West : +91-6262605000](tel:+91-6262605000)

[North : +91-6262609000](tel:+91-6262609000)

[South : +91-6262608000](tel:+91-6262608000)

Emails- east@mineinstruments.com | west@mineinstruments.com | north@mineinstruments.com | south@mineinstruments.com

