



46589 RLC Resonance Trainer is unique product that provides a complete learning content for both Series and Parallel Resonance. Resonance is an interesting phenomenon in electrical circuits in which Inductive and Capacitive elements behave to make a Zero Impedance circuit. This explanation is given with the help of Passive circuits on the Trainer. Multiple combination of components has been provided so that students can calculate Resonance Frequencies for different combinations. Concept of Resonance Frequency is explained very clearly which can be easily seen either on Oscilloscope or on the board display.

Features

- LCD Voltmeter and Frequency Counter
- Inbuilt Signal Generator
- Low cost trainer demonstrating both Series and Parallel Resonance
- Experiments can be performed with or without Oscilloscope
- Inbuilt power supply
- Extensive E-Manual
- 2 Year Warranty

Technical Specifications

Mains Supply	: 90 - 275 V, 50 / 60 Hz
Generator Output	: 8Vpp
Frequency Ranges	: 1 KHz, 10 KHz, 60 KHz
Voltmeter	: 2V

Scope of Learning

- Study of Series R-L-C Resonance and to determine its Resonance Frequency.
- Study of Parallel R-L-C Resonance and to determine its Resonance Frequency.

Note: Specifications are subject to change.

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