Nvis 7009 RLC Experimentation with RLC Resonance is very exclusive training system provides 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 these different combinations. Concept of Resonance frequency is explained very clearly which can be easily elaborated either on Oscilloscope or by on board display.

Features

- LCD Voltmeter and Frequency Counter
- Inbuilt Signal Generator
- Low cost Board demonstrating both Series and Parallel Resonance on the same board
- Experiments can be performed with or without Oscilloscope
- Inbuilt Power Supply
- Online product tutorial

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.

Technical Specifications

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

Optional

Oscilloscope Scientech 800