



Nvis 6505 Experimentation with Hartley and Colpitt Oscillator is an elite training system for the analog electronics laboratories. It is useful in understanding the basic concepts and functioning of both Hartley and Colpitt Oscillators, and their use in generation of Sinusoidal Waveform.

The trainer describes the complete designing of the Oscillators. The training system is designed in such a way that for performing any experiment students have to connect the links by patch cords hence it is very helpful for students to learn step by step design of each of the Oscillator.

Features

- Exclusive and compact design
- Straight forward representation of Hartley and Colpitt Oscillators
- +12V SMPS Adaptor provided with the trainer for power supply
- Designed by considering all the safety standards
- Low cost trainer including illustration of Oscillator's design using passive elements
- Online Product Tutorial

Scope of Learning

- Study of design and functioning of Hartley Oscillator
- Study of design and functioning of Colpitt Oscillator

Technical Specifications

Biasing Voltage	: +12V DC
Design of Oscillators	: Passive Elements with NPN Transistors
Dimensions (mm)	: 240 W x 345 D x 110 H
Weight	: 1kg (approximate)