

Nvis 6515 Experimentation with Transient Analysis of RLC Circuit has been designed specifically for the Transient Response Analysis with AC signal as input. This is useful for students to study and analyze the behavior of any circuit during the transient period. The study of transient and steady state response of a circuit is very important as they form the building block of most electrical circuits.

With this product, we can easily compare the Under Damped, Critically Damped and Over Damped cases with the theoretical and practical approach.

Features

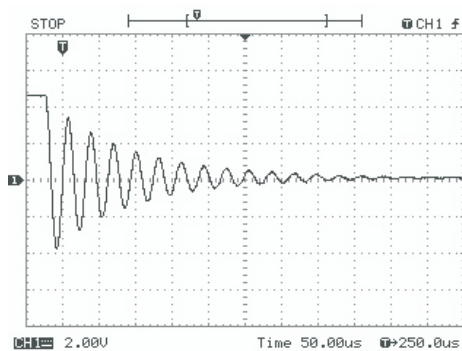
- Easy experimental illustration of transient analysis of RLC circuit with five different combinations.
- Built-in TTL Generator.
- Good Quality, reliable sockets are provided at appropriate places on board for connections.
- A low cost training system.

Technical Specifications

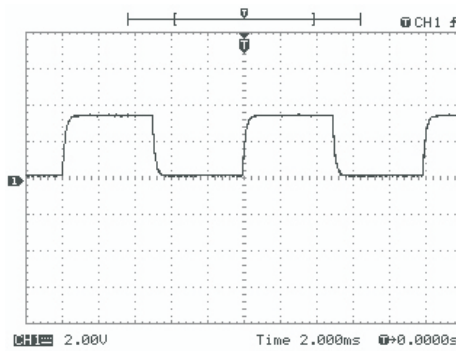
Mains Supply	: 230V \pm 10%, 50Hz
Dimensions (mm)	: D 250 x W 150 x H 80
Weight	: 700g (approximate)

Scope of Learning

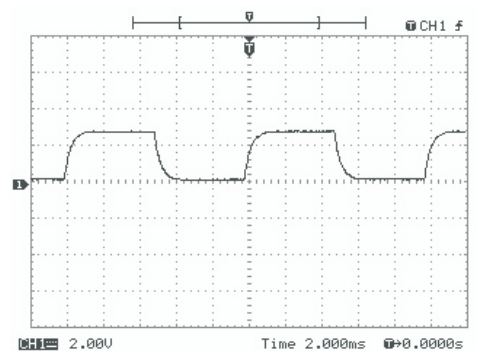
- Study the transient response of a series RLC circuit with TTL for under damped, critically damped and over damped cases



Underdamped Oscillations



Critically damped Case



Over damped Case