



**Sciencetech AB100 Dual Channel Analog Signal Analyzer** is a compact, ready to use data acquisition board. This board is useful for students to acquire, observe & to examine the analog signals on Personal Computer.

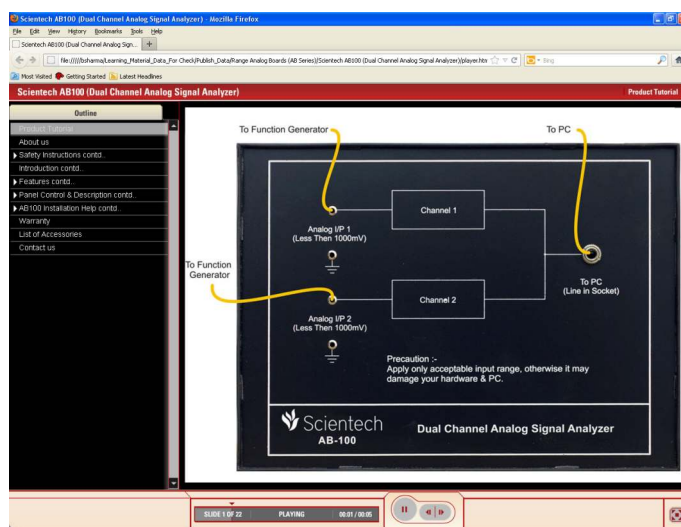
Sciencetech Analog Electronics Experiment Boards are designed as a comprehensive Modular solution for beginners to explore the fundamentals of a variety of basic building blocks in Analog Electronics. The boards are very user friendly and support self learning through flexibility of making circuit connections. Schematic diagrams on the boards provide easy understating of the concepts. Test points are provided to observe the waveforms/ signals and to measure voltages at different nodes. It can be used as a stand alone unit for data acquisition or can be used with ready to use modules of Analog series to acquire their signals on PC, with Sciencetech Analog Labs; Sciencetech 2612/ Sciencetech 2612A / Sciencetech 2613. These labs have built in DC Power Supply, AC Power Supply, Function Generator, Modulation Generator, Continuity Tester, Toggle Switches, and Potentiometers. Product Tutorial with theory, description, explanation, procedure, references and results is available online on [www.SciencetechLearning.com](http://www.SciencetechLearning.com) .

## Features

- Acquisition from two analog input channels
- Bandwidth 10Hz – 3.4KHz (depending up on the soundcard)
- Maximum allowable input voltage range: about 2Vpp
- Display mode : Time domain, Frequency domain, and X-Y mode
- Scan width variation from 500Hz to 2 KHz per division
- Voltage (Peak to Peak, RMS), Time period & Frequency measurements (Automatic & Manual)
- Facility to storage, loading, printing of acquisition waveforms
- Data acquisition software for analyzing signals
- Light weight & compact
- Online Product Tutorial

## Application

- Useful to acquire, observe & to examine the analog signals on Personal Computer



Online Product Tutorial