Maxwell's Capacitance Bridge

Scientech AB11

AD-01 DC Power Supply (optional)

Scientech AB11 Maxwell's Capacitance Bridge is a compact, ready to use Maxwell's Capacitance Bridge experiment board. This board is useful for students to study the operation of Maxwell's Capacitance Bridge and to measure the value of unknown inductance and Q factor.

Scientech 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. The boards can be used as standalone unit with external DC Power Supply and Function Generator, or can be used with Scientech Analog Labs; Scientech 2612/ Scientech 2612A / Scientech 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.ScientechLearning.com .

Features

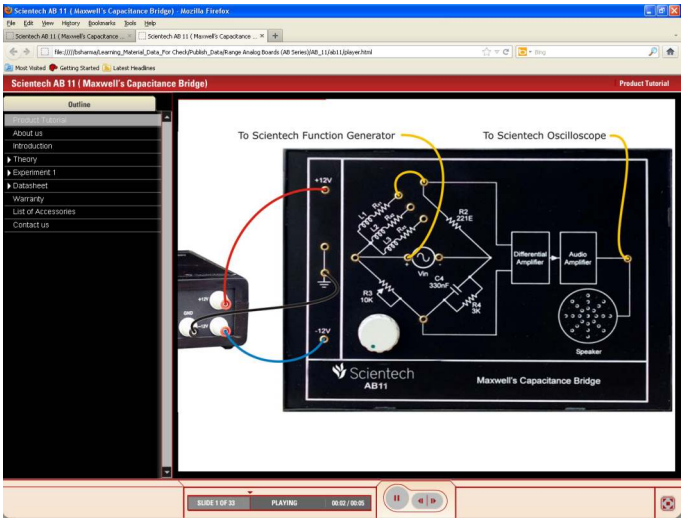
- **On board test points to observe signals**
- **On board schematic diagram**
- **Flexibility of making circuit connections**
- **Light weight & compact**
- **Online Product Tutorial**

Scope of Learning

- Study the operation of Maxwell's Capacitance Bridge and to measure the value of unknown inductance and Q factor

Optional

- AD-01 DC Power Supply (±12V, ± 5V)
- Simtel Analog Electronics Software



Online Product Tutorial

Subject to Change

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