



MODEL : ET-LCR

LCR Bridge Trainer

ET-LCR is used to design different bridges, which determines the value of unknown Inductors(L), Capacitors(C) & Resistors(R). The students can balance the bridge either by observing waveform on CRO or by using the built in speaker.

This kit has been designed keeping students in mind so its very easy to understand and use.

Specification:-

- On board oscillator section.
- On board amplifier section
- On board Speaker interface
- Unknown resistors, capacitors & inductors provided with the kit
- Test points are provided to analyse signals at various points
- On board selection knob for L, C & R
- ON/OFF switch and LED for power indication.
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- Block Description Screen printed on glassy epoxy PCB
- All interconnections are made using 2mm banana Patch cords
- Supplied with User manual and patch cords
- With built-in power supply
- Enclosed in a wooden/plastic box

Wheatstone's Bridge Trainer

ET-WSB is used to design Wheatstone's bridge, which determines the value of unknown Resistors(R). The students can balance the bridge by using on board galvanometer.

This kit has been designed keeping students in mind so its very easy to understand and use.

Specification:-

- On board circuit for designing Wheatstone's Bridge
- On board unknown Resistors for conducting the experiment
- On board 4 dials for resistor selection
- On board galvanometer
- Test points are provided to analyse signals at various points cords

- ON/OFF switch and LED for power indication.
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- Block Description Screen printed on glassy epoxy PCB
- All interconnections are made using 2mm banana Patch cords
- Supplied with User manual and patch cords
- With built-in power supply
- Enclosed in a wooden/plastic box

Owen's Bridge Trainer

ET-OBR is used to design Owen's bridge, which determines the value of unknown Inductors(L). The students can balance the bridge either by observing waveform on CRO or by using the built in speaker.

This kit has been designed keeping students in mind so its very easy to understand and use.

Specification:-

- On board oscillator section.
- On board circuit for designing Owen's Bridge
- On board amplifier section
- On board unknown Inductors for conducting the experiment
- On board Speaker interface
- Test points are provided to analyse signals at various points
- ON/OFF switch and LED for power indication.
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- Block Description Screen printed on glassy epoxy PCB
- All interconnections are made using 2mm banana Patch cords
- Supplied with User manual and patch cords
- With built-in power supply
- Enclosed in a wooden/plastic box

Hay's Bridge Trainer

ET-HBR is used to design Hay's bridge, which determines the value of unknown Inductors(L). The students can balance the bridge either by observing waveform on CRO or by using the built in speaker.

This kit has been designed keeping students in mind so its very easy to understand and use.

Specification:-

- On board oscillator section.
- On board circuit for designing Hay's Bridge
- On board amplifier section
- On board unknown Inductors for conducting the experiment
- On board Speaker interface
- Test points are provided to analyse signals at various points
- ON/OFF switch and LED for power indication.
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- Block Description Screen printed on glassy epoxy PCB
- All interconnections are made using 2mm banana Patch cords
- Supplied with User manual and patch cords
- With built-in power supply
- Enclosed in a wooden/plastic box

Note : Specifications are subject to change due to our constant efforts for Improvement. Please refer to quotation for final specifications.