



Bridge Trainer 3 (MI-IN08) has been designed specifically to demonstrate the importance of AC Bridges. Three different type of AC bridges designed in trainer due to this it is extremely useful laboratory kit which provides facilities for hand on experience to various experiments in the field of instrumentation. This trainer provides all necessary inputs and connections for student to study Maxwell's Bridge, De-sauty's Bridge & Owen's Bridge. This kit is extensively designed for institutions to train/teach their students in more effective manner about bridge circuits

Features

- Easy Illustration of AC (Maxwell's, De Sauty's & Owen's) Bridges
- On Boards set of Component Bank
- Excellent calibration stability.
- Digital display (DPM) for null detection
- Attractive shocked proof ABS plastic cabinet

Learning's

- Determination of unknown Inductance by using Maxwell bridge
- Determination of unknown Capacitance by using Maxwell bridge
- Determination of unknown capacitance by using De Sauty's bridge
- Determination of unknown Inductance by using Owen's bridge

Technical Specifications

On-board Sine Wave Oscillator

- Frequency : 1KHz, 2KHz, 5KHz & HF Switch Selectable.
- Amplitude : Adjustable
- Null Point Adjustment : Variable resistor for null point adjustment with Coarse & Fine Facility

On-board different components of unknown values -

- Capacitor : 3nos.
- Inductor : 6nos.
- On board meter : 3 & ½ digit digital display meter for null detection.

On-board Selection Switch :

- Capacitor(2nos) : -0.47µF, 0.33µF, 0.22µF, 0.1µF, 47nF, 33nF, 22nF, 10nF, 1nF & 100pF
- Resistor : -100 ohm (X10 ohm into 10 steps)
- 1K ohm (X100 ohm into 10 steps)
- 10K ohm (X1K ohm into 10 steps)
- Input Line Voltage : 230V AC ± 10%, 50Hz
- Dimensions (mm) : 340 (L) x 250 (W) x 62 (H).(Approx).
- Weight : 3.5Kg. (Approx).

Accessories



Patch Cord



User Manual



Power Cable



Headphone (optional)

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