



Transistor Characteristics Trainer, MI-BA08 is an extremely useful kit to understand the working behavior of transistors. The trainer comes with analog voltmeter & ammeter, dual isolated variable DC power supply, PNP & NPN transistors and six number of resistance to perform the experiments. Transistor is three terminal device which is used in three modes that is common emitter, common base and common collector to understand the different characteristic of PNP & NPN transistor & for various regions of operation.

Features

- In-built Analog Ammeter and Voltmeter are provided
- On board Dual Variable DC Power Supplies are provided
- Three important characteristics of a Transistor can be performed on this board
- On board Transistors and Resistors to perform experiments
- Symbols and Diagram are printed on glass epoxy PCB
- Attractive ABS Plastic Cabinet

Learning's

- Study about V-I characteristics of NPN transistors in different configurations:
 - Common Emitter.
 - Common Base.
 - Common Collector.
- Study about V-I characteristics of PNP transistors in different configurations:
 - Common Emitter.
 - Common Base.
 - Common Collector.

Technical Specifications

Inbuilt Isolated Variable DC Power Supply	:	2nos. (0 to +15VDC/200mA)
Analog Panel Meters :		
DC Voltmeter (Dual range)	:	0-1V, 0-10V
DC Voltmeter (Single range)	:	0-20V
DC Ammeter (Dual range)	:	0-250uA, 0-50mA
DC Ammeter (Single range)	:	0-50mA
On-board transistors :		
BC547 (NPN)	:	1 No.
BC557 (PNP)	:	1 No.
On-board Resistors	:	6nos.
Power On/Off Switch Dual Fuse Protection		
Input Line Voltage	:	230V AC \pm 10% , 50Hz
Dimensions (mm)	:	340 (L) x 250 (W) x 62 (H)
Weight	:	< 3.5Kg. (Approximate)

Package Contents



Power Cable



Patch Cord



User Manual

Mine Instruments Pvt. Ltd. An ISO 9001:2015 Certified Company

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