

Jain Laboratory Instruments







Product Code . JL-DSO-10325

Energy Band Gap Apparatus

Description

Energy Band Gap Apparatus

It is a durable apparatus sturdily constructed using high quality raw material and ultra modern machinery at our vendors' unit.

It is inspected on various parameters to ensure high performance, durability, accuracy, easy installation and a long operational life.

Energy Band Gap Apparatus is thus applauded by our clients in the form of increasing demands in national as well as international markets among our competitors.

Objective:-

Reverse saturation current Vs temperature in reverse biased PN junction Diode.

Technical Specifications:-

Inbuilt Variable DC Regulated Power Supply

Output voltages: 0-20VDC

On Board Analog Moving Coil Meters (60 mm x 35 mm)

Voltmeter:- 0-20VDC

Ammeter: - 0-50 MicroADC

Oven, Thermometer & Diode

Electric oven

Mercury thermometer

PN junction diode is placed inside the oven.

High quality Aluminum used as front panel of 300mm x 220mm & mounted on light weight shock proof plastic cabinet.

Symbol diagram printed on Aluminum Front Panel & all important test Points are brought out on front panel.

Power requirement: 230 VAC 10%, 50Hz.

Weight: - 1.5 Kg Approx.

Dimensions (mm): 330(L) x 225(B) x 75(H)

Standard Accessories:-

Power chord, Patch chords & Instruction manual.

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