IVESTY

GURU KRIPA ENTERPRISES

AN ISO 9001:2015 & NSIC CERTIFIED COMPANY

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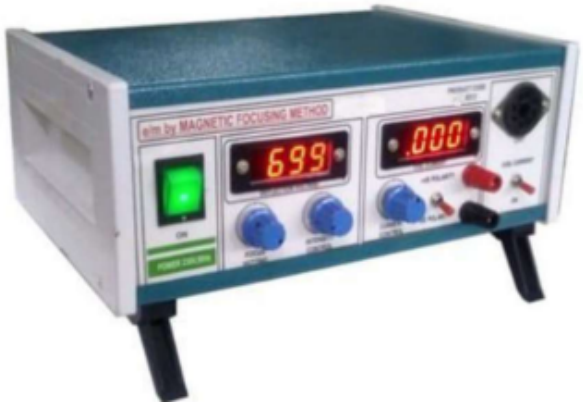
IV-E513 E\M By Magnetic Focusing Method (Short Solenoid)

Scope of Learning:

- Determining the value of specific charge e/m of an electron by Helical Method

Technical Specification:

- Cathode Ray Tube Distance between Plates: : d=1.4cm
- Length of Plates: : 1=3.23cm
- Distance between Screen and Plates (edge): : L=14.5cm
- Focusing Voltage: Variable 0 - 300V DC
- Solenoid: Copper Wound (Fitted on Base With Input Terminals)
- CRT connection: Octal socket
- Digital Meter: : 3 1/2 Digit (LED Display) Deflection Voltage
- Solenoid Power Supply: : 3 1/2 Digit (LED Display) Load Current of 0-12V, 2A Current Control through Potentiometer Provision of On/Off and Polarity Change Separate Terminals for Solenoid Power Supply Output.
- Mains: : 230V AC ±10%, 50Hz
- Fuse: : 500Ma
- Dimension of Power Supply (mm): : W 215 x D 195 x H 130



Salient Features:

- DC Power Supply instrument for CRT
- LED Display to measure deflection voltage
- Focusing adjustment provided
- Intensity adjustment provided
- Cathode Ray Tube having provision of sliding inside the solenoid
- Octal socket provided on the front panel of power supply for connecting CRT
- Provided with online product tutorial

Optional Accessories:

- No