



OMEGA TYPE EM-33 Experimental set-up has been designed specifically for determination of "e/m" by magnetron valve method. The experimental set-up is absolutely self contained & require no other apparatus.

Practical experience on this set up carries great educative value for Science and Engineering Students.

OBJECT

To determine "e/m" by Magnetron Valve Method.

FEATURES

The apparatus consists of two parts :

01. One board consisting of following built-in parts :
 - 1.1 A valve with 8-pin base fixed on panel & wired internally.
 - 1.2 6V3AC at 1 Amp. for filament.
 - 1.3 Regulated Power Supply 0-10V for plate voltage.
 - 1.4 Constant current source 0-2Amp for solenoid with coarse & fine adjustment.
 - 1.5 Digital Voltmeter, 3½ digits having range 20V DC for plate voltage.
 - 1.6 Digital Ammeter, 3½ digits having range 2 Amp. DC for solenoid.
 - 1.7 Digital Milliammeter, 3½ digits having range 2mA DC for plate current.
- 02 Solenoid : For Magnetic Field
- 03 Mains ON/OFF switch and fuse
- 04 Adequate no. of patch cords stackable 4mm spring loaded plug length ½ metre.
- 05 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections /observation of waveforms.
- 06 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 07 Weight : 7 Kg. (Approx.)
- 08 Dimension : W 290 x H 160 x D 230

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS

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