



Experimental Training Board has been designed specifically for the study of R-C Circuit with a Source of Alternating E.M.F. The board is absolutely self contained and requires no other apparatus.

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

**Object:**

To study a R-C Circuit with a source of alternating E.M.F.

01. To study of R-C Circuit using A.C. mains.
02. To measure the impedance of a R-C Circuit.

**Features:**

The board consists of the following built-in parts:

01. Mains transformer having secondary tapings at 20V, 50V and 100V A.C. at 50mA.
  02. Digital A.C. Voltmeter of 200V range
  03. Digital A.C. Milliammeter of dual range 20mA & 200mA.
  04. Adequate no. of other electronic components.
  05. Mains ON/OFF switch, Fuse and Jewel light.
- \* The unit is operative on  $230V \pm 10\%$  at 50Hz A.C. Mains.
  - \* Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length  $\frac{1}{2}$  metre.
  - \* Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.
  - \* Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

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