



39329 Experimental Training Board has been designed specifically to study. First & Second order of Low Pass Butterworth Filter for a higher cut off frequency of 1 KHz with a pass band gain of 2 & First & Second Order High Butter worth filter for Lower cut off frequency of 1 KHz with a pass band gain of 2. Practical experience on this board carries great educative value for Science and Engineering Students.

OBJECT

To study Butter Worth Filter (1st & 2nd Order)

- 01 1st Order Low Pass Filter
- 02 2nd Order Low Pass Filter
- 03 1st Order High Pass Filter
- 04 2nd Order High Pass Filter

FEATURES

The board consists of the following built-in parts :

- 01 $\pm 12V$ DC at 50mA, IC regulated Power Supply internally connected.
- 02 Four Operational Amplifier ICs.
- 03 Adequate no. of other electronic components.
- 04 Mains ON/OFF switch and Jewel light.

Note: Specifications are subject to change.

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- 05 The unit is operative on $230V \pm 10\%$ at 50Hz A.C.
- 06 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 07 Good quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.
- 08 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 09 Weight : 3 Kg. (Approx.)
- 10 Dimension : W 340 x H 125 x D 210

OTHER APPARATUS REQUIRED:

- 01 AF Generator.
- 02 A.C. Millivoltmeter