

**Product Name :**  
Series and Parallel Resonance

**Product Code :**  
ALABS-A3-022



**Description :**

**Series and Parallel Resonance**

**To study the following :**

- Series resonance for different values of resistances, capacitances, inductances and plotting of resonance curves.
- Parallel resonance for different values of resistances, capacitances, inductances and plotting of resonance curves.
- Measurement of Q for both series and parallel resonances.
- Measurement of dielectric constant relative permittivity of a liquid.

**Features:**

**The board consists of the following built-in parts :**

01. Three inductances made on ferrite cores, selectable by a switch.

02. Three capacitances with low loss factor, selectable by a switch.

03. Three resistances , selectable by a switch.

- Adequate no. of patch cords stackable from rear both ends 4/ 2mm spring loaded plug length ½ 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.**

- Weight : 3 Kg. (Approx.)
- Dimension : W 340 x H 110 x D 210

**Other Apparatus Required:**

- Decade Audio Frequency Generator
- A.C. Millivoltmeter
- A.F. Millivoltmeter



## Equipments Exporters

**Website:** [www.equipmentsexporters.com](http://www.equipmentsexporters.com), **Email:** [sales@equipmentsexporters.com](mailto:sales@equipmentsexporters.com)

**Address:** 75, Lajpat Nagar-IV, New Delhi-110024 **Phone:** +91-9311469084