



## CAPACITANCE CIRCUIT

### APPLICATIONS :

- for following experiments

- To verify the series and parallel laws for combination of capacitances
- Measure Dielectric constant of Benzene
- Measure Dipole moment of Acetone
- Temperature variation of Dielectric constant of Ferroelectric material



### SPECIFICATIONS

Operating Voltage : 230 V AC, 50 Hz  $\pm$  10%.

Operating Temp. Range : 0°C to 50°C.

Enclosure : 184 x 96 x 200 mm DIN.

- DC output proportional to capacitance.
- 100 pfd capacitance gives an output of about 2.2 V.
- Can measure up to 250 pF.
- Comes with a capacitance box to show the law of addition of capacitances and a cylindrical capacitor to measure the dielectric constant of benzene and dipole moment of acetone.

### Capacitance Calibration Box

Dimensions : 90 (L) x 50 (W) x 30 (H) mm



### Capacitance Measuring Jar



### Manufactured By :



### **Ajay Sensors & Instruments**

45/17, 12<sup>th</sup> "A" Cross, Gubbanna Indl. Garden,  
VI Block, Rajajinagar, Bangalore - 560 010.

Tel : 080 - 2330 4997; Fax : 080 - 2338 1040.

E-mail: [ajaysensors@yahoo.com](mailto:ajaysensors@yahoo.com) ;

Website: [www.ajaysensors.com](http://www.ajaysensors.com)

### Marketed By :