

## Experiment(s):

1. Determination of Dielectric constant of a capacitor by the method of charging and discharging

(For more details, procedure & manual visit: [www.kamaljeeth.net](http://www.kamaljeeth.net))



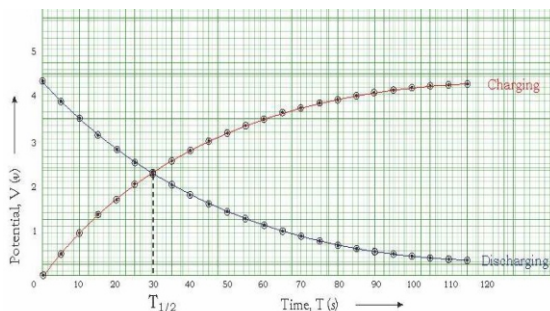
## Specifications:

### Experimental Setup:

Power supply: 0-5V DC variable & regulated  
 Volt meter: Digital DC 3½ digit  
 Range: 20V  
 Resolution: 0.01V  
 Timer: Digital DC 3½ digit  
 Range: 999 sec  
 Resolution: 1 sec  
 Capacitors: selectable (3 values)  
 Dimensions: Provided  
 Resistors: selectable (3 values)  
 Power: AC 220V/50Hz or AC 110V/60Hz  
 Power Consumption: <50W  
 Cabinet: Acrylic body, aluminum bottom

### Connectors:

New and improved patch cord set



Voltage  $v$ /s time for Charging & discharging a capacitor



**KAMALJEETH INSTRUMENTS**

An ISO 9001:2008 Certified Company

Address: No. 610, 5th main, 8th cross Tatanagar, Bangalore 560 092  
 Website: [www.kamaljeeth.net](http://www.kamaljeeth.net), Email: [labexperiments@kamaljeeth.net](mailto:labexperiments@kamaljeeth.net)

3 Years manufacture's warranty

30 Years of innovative manufacturing