

Measurement of: The instrument can do the Impedance/Dielectric measurement of thin film in the frequency range 0.2mHz to 1MHz.

Equipment: Impedance Analyzer

Property Measured: The equipment is useful for dielectric studies of different materials in the frequency range of 20Hz to 120 MHz.

Photograph (small size)



Basic Principle: The equipment is useful for dielectric studies of different materials in the frequency range of 20Hz to 120 MHz. One can calculate dielectric strength, refraction time & dielectric losses of the material. Other parameters like capacitance, inductance, resistance etc. can also be measured. As the sample holder is common for optical microscope and impedance analyzer, this equipment is very useful for soft-material studies

Capabilities: The instrument can do the Impedance/Dielectric measurement of thin film in the frequency range 0.2mHz to 1MHz.

Sample Requirement:

Impedance/dielectric measurement of semiconductors