

Product Name :

Dielectric Constant Measurement Setup for Electronics Teaching Labs

Product Code :

BEL-TR-26



Description :

Dielectric Constant Measurement Setup - Dielectric Constant Measurement Setup -Dielectric Constant Measurement

Trainer is designed to measure Dielectric Constant of different solid materials like Teflon, Glass, Bakelite, etc. A dielectric substance is the electrically insulating material. An effective dielectric typically contains polar molecules that reorient in external electric field. Such materials when placed between the plates of a capacitor it increases the polarization and the value of the capacitance. The dielectric constant is the ratio of electrical conductivity with dielectric material and without dielectric material. uses this relation for calculating dielectric constant with the help of inbuilt RF signal generator and LCD.

Very easy to operate

Provided with in-built Variable and Test capacitor

Variable capacitor with high accuracy measurement

LCD display

Learning material CD

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