

Product Name :
AC Circuit Network Trainer**Product Code :**
ELTC0042**Description :**

AC Circuit Network Trainer

Technical Specification :

Study the characteristics of pure resistive circuit, inductive circuit, pure capacitive circuit. Study the characteristics of pure resistive parallel circuit, inductive parallel circuit, pure capacitive parallel circuit. Measuring current and voltage in a R-L series circuit, R-C series circuit and R-L-C series circuit and their drawing vector diagram. Construct vector diagram by measuring current and voltage of R-L parallel circuit, R-C parallel circuit and R-L-C parallel circuit. Determining the value of resistance, inductance, capacitance of R-L, R-C, R-L-C series circuit and drawing vector diagram. Determining the value of resistance, inductance, capacitance of R-L, R-C, R-L-C Parallel circuit and drawing vector diagram. Determining the effective or AC resistance of coil. Measuring the active power, reactive power, apparent power of an electrical load. Measuring the energy consumed by an electric circuit. Determining power factor of R-L, R-C, R-L-C series and parallel circuit.

