



Specifications

- Demonstrates the basic theorems
- Demonstrates the two port network parameters
- Demonstrates the different AC bridges
- Analysis of network
- On-board power supply, resistor, capacitor, inductor bank
- On-board dual isolated power supply 0 to 20 V
- Variable current source
- Resistor bank
- Capacitor (fixed and variable) bank
- Inductor bank
- Potentiometer bank
- Bread board
- Interconnection points and test points
- Experimental manual
- Interconnection cord

Experiments

- Superposition theorem
- Thevenin's theorem
- Norton's theorem
- Reciprocity theorem
- Two port network parameter (Z and Y parameter)
- Verification of Ohm's law
- Verification of Kirchoff's law (KCL and KVL)
- To verify compensation theorem
- Study of resistor ladder network

Assignment

- Hay's bridge
- Schering bridge
- Andersen bridge
- Owen's bridge
- LC resonance
- Many more

Note: Specifications are subject to change.