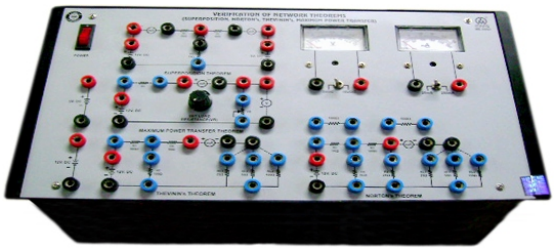
Network Theorems Varification (In DC Circuits)

ME 590D - Network Theorems (Superposition, Norton's, Thevinin's, Maximum Power Transfer)

Objective:

Verify the different of theorems-

- Superposition Theorems.
- Thevinin's Theorems.
- Norton Theorems
- Maximum Power Transfer Theorems.



Technical Specifications :

- **Inbuilt fixed DC regulated power supplies :**
- Output Voltage :12VDC
  :5VDC

On Board Analog Moving Coil Meters (60 mm x 35 mm)

- Voltmeters : 0-5V/ 0-15V (Duel Range)
- Ammeter : 0-15mA/0-250mA (Duel Range)

Components Provided

- Resistances
- High quality Aluminum used as front panel of 400mm x 225 mm & mounted on light weight shock proof plastic cabinet
- Circuit diagram printed on Aluminum Front Panel & all important test Points are brought out on front panel
- Power requirement : 230 VAC 10%, 50Hz.
- Weight : 2.5 Kg Approx.
- Dimensions (mm) : 430(L) x 230(B) x 90(H)

Standard Accessories :

- Power chord, Patch chords & Instruction manual.

Optional Accessories :

- Digital Multimeter (VC 97)

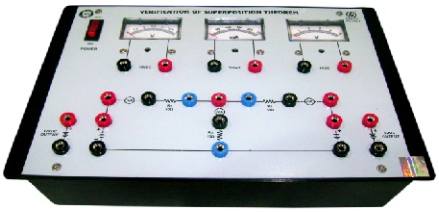
Other Model also Available

- ME 590 - Network Theorems (Norton's ,Thevinin's ,Superposition & Maximum Power Transfer) With Bakelite Panel & Round Meters
- ME 590P - Network Theorems (Norton's ,Thevinin's ,Superposition & Maximum Power Transfer) with Aluminum Panel & Digital Panel Meters
- ME 590-I - Network Theorems (Superposition & Maximum Power Transfer) With Bakelite Panel & Round Meters
- ME 590D -I - Network Theorems (Superposition & Maximum Power Transfer)
- with Aluminum Panel & Square Meters
- ME 590P-I - Network Theorems (Superposition & Maximum Power Transfer)
- with Aluminum Panel & Digital Panel Meters
- ME 590-II - Network Theorems (Norton's & Thevinin's) With Bakelite Panel & Round Meters
- ME 590D-II - Network Theorems (Norton's & Thevinin's) with Aluminum Panel & Square Meters
- ME 590P-II - Network Theorems (Norton's & Thevinin's) with Aluminum Panel & Digital Panel Meters

ME 592D - Superposition Theorem

Objective :

- Different currents following through different branches of circuit.



Technical Specifications :

- **Inbuilt fixed DC regulated power supplies :**
- Output Voltage : 12VDC
  : 5VDC

On Board Analog Moving Coil Meters (60 mm x 35 mm)

- Voltmeters : 0-5VDC
  : 0-15VDC
- Ammeter : 0-200mADC

Components Provided

- Resistances
- High quality Aluminum used as front panel of 300mm x 220mm & mounted on light weight shock proof plastic cabinet
- Circuit diagram printed on Aluminum Front Panel & all important test Points are brought out on front panel
- Power requirement : 230 VAC 10%, 50Hz.
- Weight : 1.7Kg Approx.
- Dimensions (mm) : 300(L) x 175(B) x 75(H)

Standard Accessories:

- Power chord, Patch chords & Instruction manual.

Other Model also Available

- ME 592 - Superposition Theorem With Bakelite Panel & Round Meters
- ME 592P - Superposition Theorem with Aluminum Panel & Digital Panel Meters