



Application

This experimental setup is designed to verify:

- **Superposition Theorem**
- **Thevenin's Theorem**

The unit operates exclusively on DC supply and is suitable for engineering laboratories, technical institutes, and academic training environments.

System Configuration

Each setup consists of the following components:

DC Power Supply

- Output Voltage: 0–12V DC (Variable)
- Current Rating: 1A
- Regulated output for stable experimental conditions

Measuring Instruments

- **External DC Voltmeter**
 - Range: 0–20V
- **External DC Ammeter**
 - Range: 0–1A
- Suitable for accurate measurement of circuit parameters during theorem verification

Load Unit

- Rated Current: 1A
- Power Rating: 5W

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- Designed for DC circuit experimentation

Resistance Bank

- Resistance Values: 5Ω, 10Ω, 20Ω, 50Ω, 100Ω
- Number of Sets: 3
- Configurable for various circuit combinations

Functional Features

- Enables step-by-step verification of Superposition Theorem
- Facilitates Thevenin equivalent circuit determination
- Modular resistance configuration for multiple circuit conditions
- Suitable for practical demonstrations and student experimentation

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