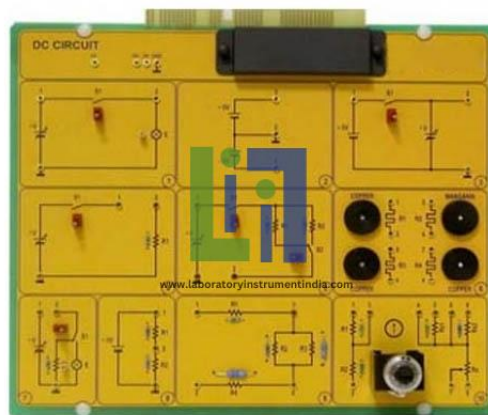




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
DC Circuits

**Product Code :**  
LBNY-0005-12400068



**Description :**

**Theoretical topics:**

Structure of the circuits  
Electric resistance  
Conventional sense of voltage and current  
Electric current  
Types of measurement and types of errors  
Voltage and electromotive force  
Types of instruments  
Measurement of the current  
Measurement of the resistance  
Measurement of and voltage  
Circuit with linear and non linear resistance  
Identification of the value of the resistors  
Relationships among current, voltage and resistance: Ohms law  
Types of resistors  
Conductors resistivity and temperature coefficient  
Variable signals  
Wheatstone Bridge  
Series and parallel resistors  
Fault simulation  
Constant signals.

**Technical Specification :**

---

**Circuit blocks:**

Application of the Ohm's law: how a resistance influences the current

The resistivity: resistance, length, section and resistivity of a conductor

Linear and non linear ohmic resistance

Electrical circuit: Components and measurements

Series circuit: current, resistance and voltage

Colour code of the resistors

Ohm's law

Series generators

Parallel generators

Wheatstone Bridge.



**Laboratory Instrument India**