



Product Code . DS-EE-11488

DC Circuit / Network Trainer

Description

Technical Features:



- Experiment Board for the study of the basic concepts related to DC circuits
- It contains all the pre-assembled electronic components needed to construct the experiment circuits and divided into functional circuit blocks which can be interconnected and modified by means of supplied jumpers and connection cables
- Printed circuit board with protective treatment and mimic diagram
- 2mm sockets for test points and connections
- Jumpers for quick circuit modification
- 8-pole female DIN connector for power supply unit
- Fault simulation

Training Programs:

- Electricity, units and symbols;
- The e.m.f. and the difference of potential;
- The effects of the electrical current on the human body safety;
- Measurements;
- DC current, switches and relays;
- Power supplies and measuring instruments: voltmeter, ammeter, ohmmeter, the multimeter; Ohm's

Law;

- Series and parallel resistive circuits: current, voltage and resistance measurements;
- Kirchhoff's Laws: voltage, current and resistance circuit calculation;
- Thevenin's Theorem: equivalent e.m.f. and series resistance calculation;
- Norton's Theorem: equivalent current and parallel resistance calculation;
- Superposition Theorem;
- Rheostats and potentiometers;
- Power in DC; Power transfer
- Type : Pannel
- Power Source: 220V ~240V AC 50 Hz, 1 Phase
- Standard accessories with printed operation manual

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