



## Item : D C CIRCUITS / NETWORK TRAINER

### Special features:

- ☞ Six complete practical set in every circuit/network trainer.
- ☞ 60 jumpers with insulated crocodile clip.
- ☞ Stainless terminals (all).

### Other Features:

- ☞ Highest durability
- ☞ Precision work
- ☞ Low cost
- ☞ Easy to all circuit/Network practical
- ☞ Reasonable trainer dimension
- ☞ Suitable metal rack.

### The Following experiments can be performed with this trainer -

1. Identification of basic elements of circuits i.e. source, load, conductor and relative elements.
2. Performing clear conception on different types of circuit making ability and instruments connection system
3. Verifications of Ohm's Law.
4. Study the characteristics of series circuit.
5. Study the characteristics of parallel circuit.
6. Study the characteristics of series – parallel or mixed circuit.
7. Verification of Kirchhoff's Voltage Law (KVL).
8. Verification of Kirchhoff's Current Law (KCL).
9. Verification of Thevenin's Theorem.
10. Verification of Norton's Theorem.
11. Verification of Superposition Theorem.
12. Verification of Maximum Power Transfer Theorem.
13. Verification of Reciprocity Theorem.

### Specification :

<b>Source</b>	:	6 pair emf source arrangement of electrical cells and battery;
<b>Output Capacity</b>	:	up to 10W (each load)
<b>Manufacturing</b>	:	Assembled in Bangladesh.
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<b>Plan &amp; Design</b>	:	Engr. A. H. M. Delwar Haider; Life Fellow IEB