



## Product Description

The HRC & MCB Testing System is an advanced laboratory setup designed to demonstrate the operating behavior and performance characteristics of protective devices such as Miniature Circuit Breakers (MCBs) and High Rupturing Capacity (HRC) fuses.

These devices are essential for electrical circuit protection, capable of carrying rated current under normal conditions and automatically interrupting the circuit during overload or short circuit faults.

The system provides a comprehensive platform for understanding internal working principles, tripping mechanisms, and protection characteristics through controlled experimentation.

## Key Features

- Rugged and ergonomically designed panel
- Built-in current injection facility for testing
- Designed with complete electrical safety considerations
- Clear diagrammatic representation for easy connections and operation
- Integrated overload protection and monitoring system
- User-friendly interface for academic and training applications

## Technical Specification

- **MCB Units** : 6A and 10A ratings
- **HRC Fuse** : 6A rating
- **Inbuilt Current Source** : Up to 20A with selectable current levels
- **Digital Measuring System** :
  - Current measurement
  - Overload tripping timer

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



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