



AC-DC-TR COMPREHENSIVE ELECTRICAL MACHINES LABORATORY

RG 299

Description:

This set is a comprehensive training set for familiarizing and performing various tests of AC and DC machines as well as transformers.

Specifications:

- Excitation Rheostat
- 3-phase Rheostat
- Resistive load
- Inductive load
- Capacitive load
- tachometer
- RCCB and fuse
- Two load protection contactors
- 3-phase miniature fuse
- 3-phase RCCB
- Auto transformer
- Chassis and coupling rail
- Control Panel
- Start/Stop switch
- AC Digital voltmeter
- AC Digital ampere meter
- DC Digital voltmeter
- DC Digital ampere meter
- Inputs and outputs in the form of a standard plug
- Enough number of plugs
- Torque meter
- Synchronous Scope
- DC Machine
- Single-phase transformer
- 3-phase transformer
- Winding rotor asynchronous motor
- Resistive loads (back mounted)
- Squirrel cage asynchronous motors
- Integrator
- Variable power supply for synchronous machine excitation
- Variable DC power supply
- DC power supply
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

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Applications:

1. Familiarity with the operation of DC motors
2. Speed control of DC motors
3. Series DC motor loading
4. Short circuit test
5. Familiarity with the operation of AC motors
6. Unloaded test
7. Synchronous generator loading test by resistive load
8. Synchronous generator loading test by inductive load
9. Familiarity with single-phase and three-phase transformers
10. Open circuit or unloaded test of single-phase motor transformer
11. Short circuit or impedance test

Required For Operation:

- 3-Phase 25 A Electricity
- Relative Humidity: 15% - 80%



Dimensions (L*W*H) mm: 1300x 800 x 1500

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