

**M21-1000**



**NEW**

**Features**

- . Support the following exercises:
  - Voltage, current and power measurements**
  - Diode and filter rectifier circuits**
  - Ohm's law**
  - Kirchoff's and Thevenin's principles**
  - Ohmic/inductive/capacitive circuits**
  - Study of the transformer**
  - Main lighting installations**
  - Acoustic and lighting signaling installations**
- . Each component are clearly represented on the front panel of the equipment for an easy reference
- . The connections are eased by the presence of standard terminals (Φ4mm) and by flexible hoses of different colors
- . The power supplies necessary to the experiments are all included in the equipment and have all extra low safety voltage to prevent dangers of electrical accidents

**Specification**

1. TRANSFORMER:
  - One safety single-phase transformer, 230V/6V-12V-24V, 1A
2. FUSE HOLDERS WITH FUSE:
  - Two fuse holder with fuse type 6×30, 1A
3. ANALOG METERS
  - One moving iron ammeter with range: 0.5/1A, AC/DC
  - One moving iron voltmeter with range: 25V, AC/DC
4. RESISTORS:
  - Ten resistors of different values:
    - 2Ω, 4Ω, 8Ω, 16Ω, 31.5Ω, 63Ω, 250Ω, 500Ω, 1000Ω, 2000Ω
5. DIODES:
  - Four diodes: 100V, 6A
6. CAPACITORS:
  - One electrolytic capacitor: 100μF, 25VDC
  - Two electrolytic capacitors: 500μF, 25VDC
7. INDUCTORS:
  - Two inductors: 60mH, 0.5A
8. LAMP HOLDERS WITH LAMP:
  - Two lamp holders with 24V signaling lamp
9. BUZZER:
  - One buzzer: 24VAC
10. LINEAR RHEOSTAT:
  - One linear rheostat: 0~100Ω, 25W
11. SWITCHES:
  - Two pushbuttons for general use
  - Two shunters for general use
  - One inverter for general use
12. RELAYS:
  - One relay, two exchange contacts, 24VAC coil
13. ACCESSORIES:
  - One set of 25 cables with 4mm pin
  - One power cord
  - User manual
14. DIMENSIONS(W×H×D): 258×95×334mm
15. WEIGHT: 4.5kg



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