

Product Name :

Electrotechnics Electronic Technology

Product Code :

CIVIL-EET-67-0001

Description :

Electrotechnics, Electronic Technology, and Electric Drive Technology Training Equipment

Technical Specification :

The electrotechnics, electronic technology, and electric drive technology training equipment can meet the teaching requirements of Electrotechnical Base, Electrician Skills Training, Digital Circuit Skills, Analog Electronic Skills, Electric Drive, and other related courses in vocational schools, training centers, and colleges.

Experiment that can be conducted on this product includes**1. Basic Electrotechnical Experiments**

- a. The use of basic electrical instruments and the calculation of measurement errors
- b. Method to reduce instrument measurement errors
- c. Surveying and mapping of the volt-ampere characteristics of linear and nonlinear circuit elements
- d. The measurement of potential and voltage as well as the drawing of circuit potential map

2. Electronic Experiments

- a. Single-stage amplification circuit
- b. Two-stage amplification circuit
- c. Negative feedback amplifying circuit

3. Electric Drive Experiments

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- a. Jog and self-locking control lines of the three-phase asynchronous motor
 - b. Forward rotation and reverse rotation control circuits of the three-phase asynchronous motor
 - c. Step-down starting control circuit of the three-phase asynchronous motor
 - d. Starting sequence control of the three-phase asynchronous motor

Technical Parameters

- 1. Input power: Three-phase five-wire, 380V \pm 10%, 50Hz/60Hz
- 2. Capacity: < 1.5kVA
- 3. Dimensions: 1660mm \times 800mm \times 1840cm
- 4. Weight: 200kg
- 5. Working environment

Temperature: -10? \sim +40?, relative humidity: < 85% at 25?, altitude: < 4000m

Product Features

- 1. The blue column frame made of industrial aluminum profile can be easily disassembled, which brings convenience to transport.
- 2. The hanging box type structure facilitates operation and upgrading

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