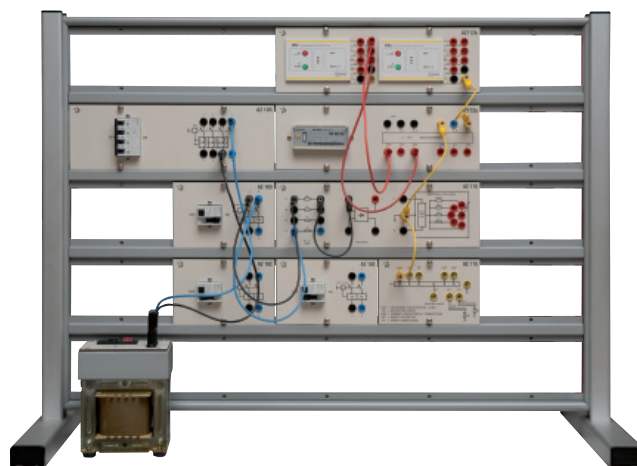


# SYSTEM FOR THE STUDY OF ELECTRICAL SAFETY DEVICES

## Mod. VSE/EV

SS



### Main characteristics:

The system enables to study the electrical safety devices of the equipment used in hospitals and clinics according to international standards (IEC).

The system consists of a tabletop unit with a set of modules and instruments enabling to carry out the following tests:

- **Measurement of insulation resistance**
- **Measurement of continuity of protection cables**
- **Measurement of tripping time of protection devices**
- **Measurements of current losses**

The educational panel for the study of electrical protection devices includes the following modules:

- **Module with insulation transformer**
- **Module for differential circuit breakers**
- **Insulation measuring instrument for fault simulation in hospitals**

### The system includes the following instruments:

#### Instrument for insulation measurement

- Battery power supply

#### Test instruments for measurement of differential devices on single-phase or three-phase systems

- Measurement test of current selection TRIP, NO TRIP, FAST TRIP, SLOW TRIP

#### Measurement instrument for current losses

- Interval of 10 mA, high sensitivity
- Measurement interval range: 10mA - 100A
- Power supply: battery or external unit

### SUPPLIED WITH

**HANDBOOK INCLUDING:**  
THEORETICAL STUDY OF TOPICS AND CIRCUIT DESCRIPTION  
STUDENT HANDBOOK: PRACTICAL TESTS AND MEASUREMENTS  
WIRING DIAGRAMS AND DESCRIPTION OF OPERATIONS

