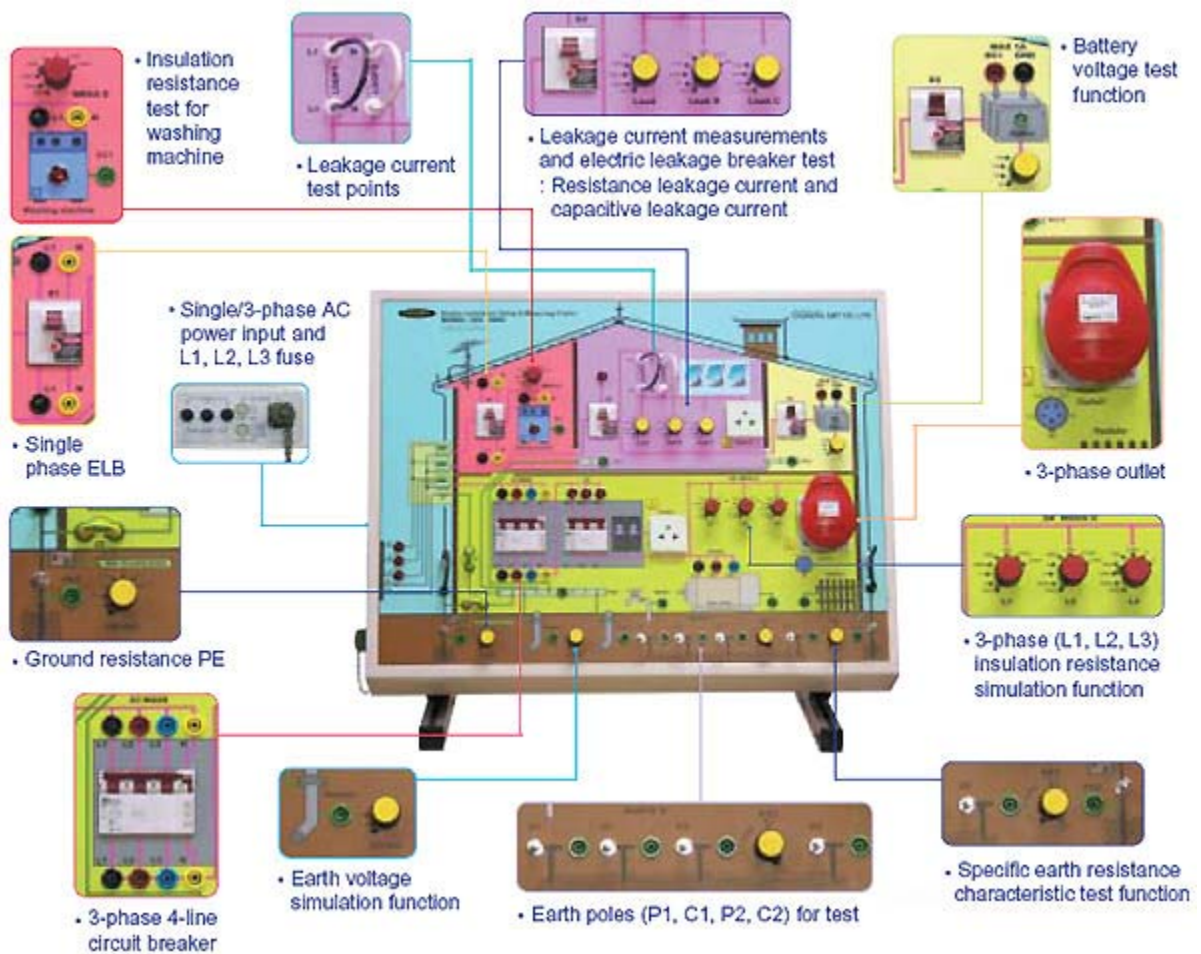


Electric Installation Trainer

EIT-2000

EDU-LABS



- Training for earth-to-earth, earth-to-neutral
- Training for insulation-to-installations
- Training for electrical safety measurement
- Training for the most common electrical faults

Features

- The ideal tool for engineering, training and the simulation of measurement on electrical installations
- Fault simulation of electric installations and demonstration of actual measurements
- Education of electrical installations and education of measuring instrument usage
- Electrical installation system training : 1-Phase, 3-phase, 3-phase 4 wire (R/S/T/N)
- Measurement training : AC voltage, earth resistance, earth voltage, phase insulation resistance, phase test, live line test, resistance by leakage current, capacitance by leakage current, DC volt.
- Fault simulation : ELB training, circuit-breaker training, leakage current variable test, earth resistance variable test, loop test, RCD protection switch test, battery voltage test, and etc.

Integrated electrical measurement training

This product is an integrated simulation equipment for measuring AC voltage, DC voltage, earth resistance, insulation resistance, and leak current in single-phase AC, 3-phase AC, 3-phase 4-wire AC circuits and for allowing the test of electric leak cutoff.

Suitable for colleges, Polytechnic and Universities

As an effective multi-purpose equipment, this equipment enables companies to educate electricity safety and measuring methods to their staffs and school teachers to educate electricity measuring methods for electricity, electron, and communication to the students. This product also enables colleges to educate basic electricity and measurement their students.

Able to practice field simulations

EIT-2000 allows the user to measure insulation resistance, earth resistance, assistance earth resistance, effect of ground voltage, and unique ground resistance of electric facilities, as this equipment comprises electricity facility circuits of single-phase AC and 3-phase AC.

Able to make an actual AC load experiment

When measuring single-phase leak current, the user can make a test by charging load in person as there is a socket for load. The user can also make a test by charging load in person as there are sockets for single-phase load and 3-phase load in a 3-phase line.

Experimental contents lists

- Electric safety education preventing from electric accidents
- Grounding and electric installation safety education
- Electromagnetic Interferences and their prevention education
- Static electricity disturbances and their prevention education
- Thunderbolt damages protection education
- Inspection prior to the power supply of electric installations
- Experiments and practices of electric equipment safety
- Single phase / three phase voltage measurements
- DC voltage measurements
- R/S/T phase and live line voltage detection
- Insulation resistance measurements
- Ground resistance (2 point, 3 point type) and earth voltage measurements
- The measurement experiment of ground resistance which is influenced by earth resistivity
- Leakage current measurements and electric leakage breaker test
- Measurement of wiring continuity test

EIT-2000 is an educational equipment devised by international standards in relation to electrical fields like IEC 364 and EN 61010