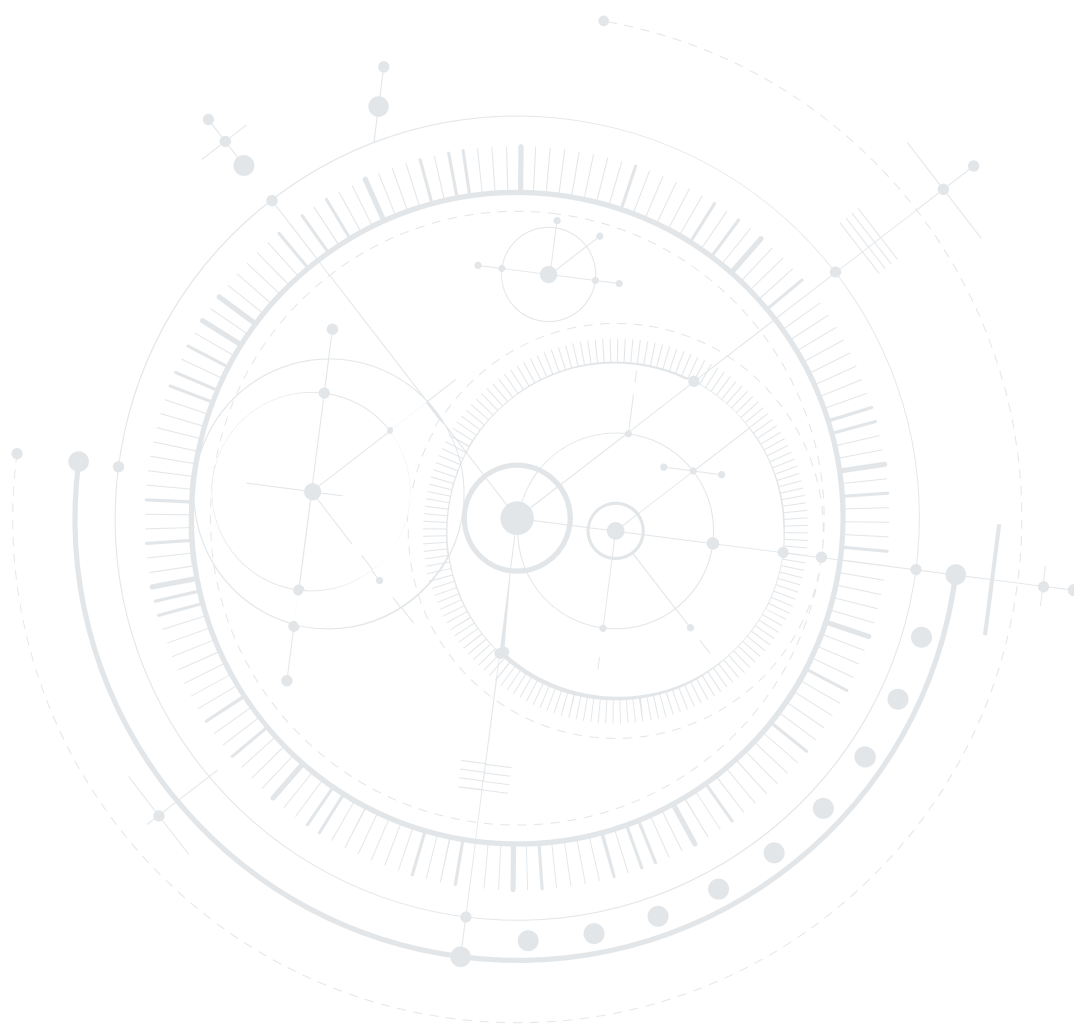




GROUNDING TRAINING SET





Grounding Training Set is designed to explain the working mechanism of the system in practice. The set consists of an Energy Unit, Training Set Panel, Training Set Bench, Insulation Controller, Meger Ground Resistance Measurement Device and Test Resistors. IT network insulation measurement, leakage current measurement, grounding resistance measurement, electrical safety, measurements in TN, IT, TT, TN-C, TN-S, TN-CS network and power systems can be achieved with the set. Possible faults that may occur can be created and observed experimentally.





TECHNICAL SPECIFICATIONS

Energy Unit

- The unit is protected with at least 1 emergency stop button, start/stop button, 3 phase 4x25A 30 mA residual current relay, three phase 3x25A fuse protection. When energized, each phase has a signal lamp.
- The energy of the set is provided via the contactor with a key lock system and a start/stop button placed on the energy unit.
- The set has four 220V alternating current 4mm banana socket outlets and one 3 phase 4mm banana socket outlet.
- Digital ammeter tips are 4mm banana sockets.
- Training Set Panel
- The front panel of the set is made of minimum 4mm compact laminate material.
- Experiments performed by drawing a human model can be carried out on the set. 2,2R, 5R, 10R, 30R, 100R, 2K, three units of 1K, 3.3K, 20K fixed resistors and one 5K-15K adjustable resistor ends are designed with 4mm banana sockets.
- 25 units of (5 units 100cm, 10 units 50cm, 10 units 40cm) double insulated 4mm banana jack connector cables are delivered with the set. Cables are red and black, half red and half black colored for each group.
- The training set has phase earth and phase neutral, isolation and earthing protection.

EXPERIMENT SET TABLE

- Table frame is manufactured from 45x45 mm anodized aluminum sigma profiles. It is made up of four legs, two profiles connecting the side legs and two profiles connecting these profiles in the middle.
- The locked wheel system is assembled under the test bench. The experiment panel on the table and the experiment table are integrated.
- Desk panel is covered with 0.7 mm HPL laminate on 25mm MDF and 2mm PVC coated edges Accessories.
- Training document showing the failure applications and the experiments in detail (both printed and in digital environment)
- Application video showing all stages of the experiments of the training set (in digital environment) Other Features
- Energy control unit controlled by key lock and contactor
- Production in accordance with national and/or equivalent international standards
- On-site installation, initial start-up and sufficient user training
- 3 220-240V/50 Hz phase voltage supply