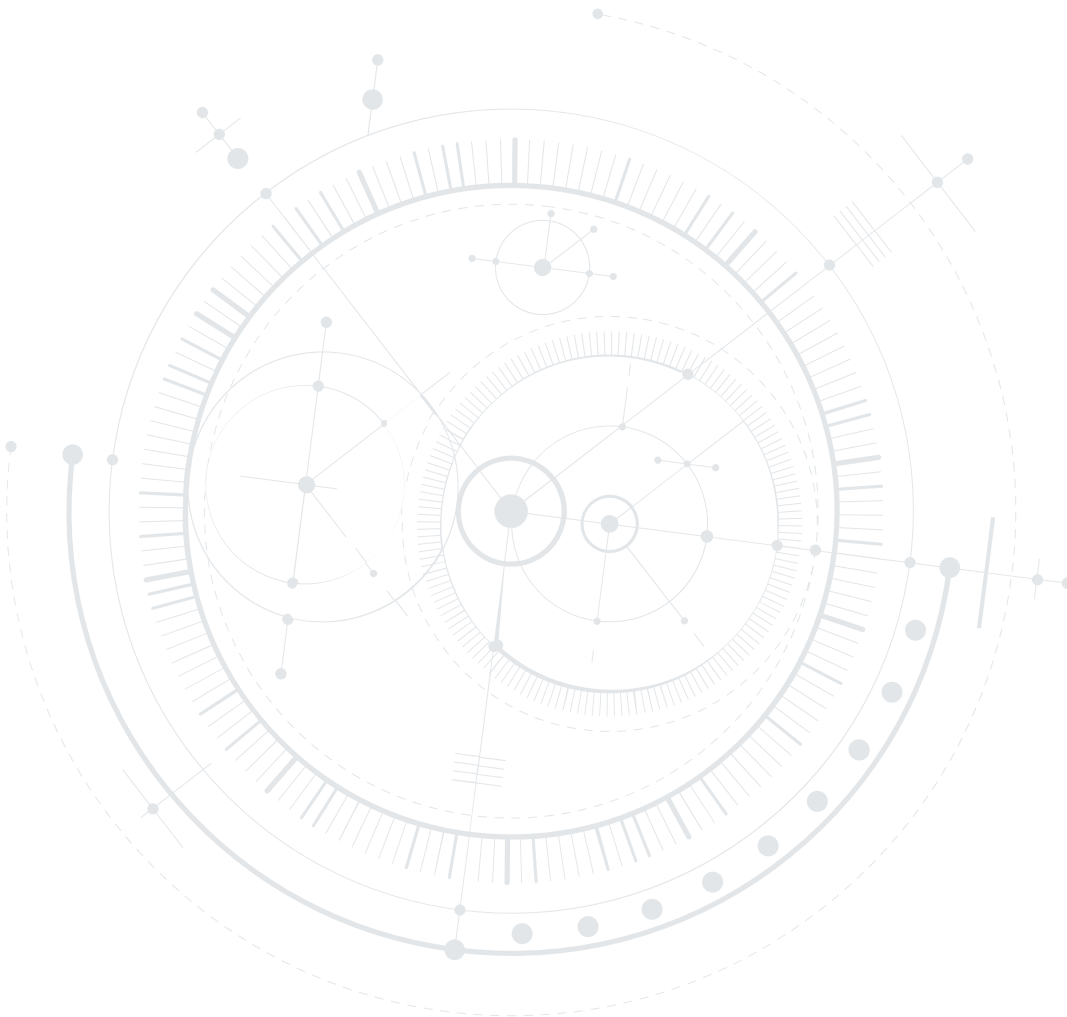


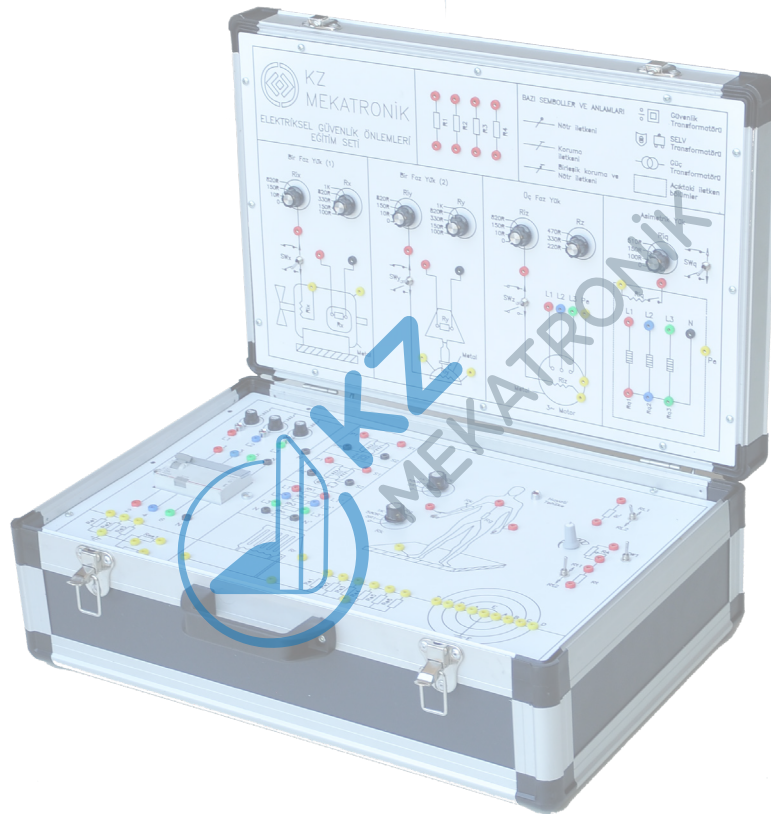


ELECTRICAL SAFETY TRAINING SET





Electrical Safety Training Set is designed in accordance with the curricula of all institutions requiring technical education in which can be listed as technical university, technical high school and any institution in need of technical education. The content of the training set is applicable for advanced technical training, including basic training. The implementation set is made of 4mm compact laminate. AC implementation modules can be attached to the main unit of the training set which is produced based on usage with the bag and the table top. User safety is prioritized in accordance with legal regulations in the implementation set. Laser technology is used in the drawing of symbols and scripts on the implementation set. There are instructive experimental modules on electrical safety. The implementations are carried out with voltages between 20V and 50V which do not constitute any danger for health. The mains voltage of 230V AC is simulated as 23V on the implementation set. The operating voltage of implementation set is 220V 50Hz. Module bag consists of durable materials.



**TRAINING SET****TRAINING SET EQUIPMENT**

- Directives on electrical laws
- Direct contact test with an active part
- Indirect contact test with an active part
- Protection tests with protection class II or isolation that is in accordance with protection class II
- Isolation and insulation tests
- Low voltage SELV (System Earth Light Voltage) and Low voltage PELV (Protection Earth (Protection Earth
- Light Voltage) experiments
- Prevention measures in TT system: High current fuse protection tests
- Protection measures in the TT system: Grounding sample tests with ground rod
- Ground resistance measurements and tests in TT system
- High current fuse tests in TN systems
- Impedance tests in TN systems
- Grounding resistance tests in TN systems