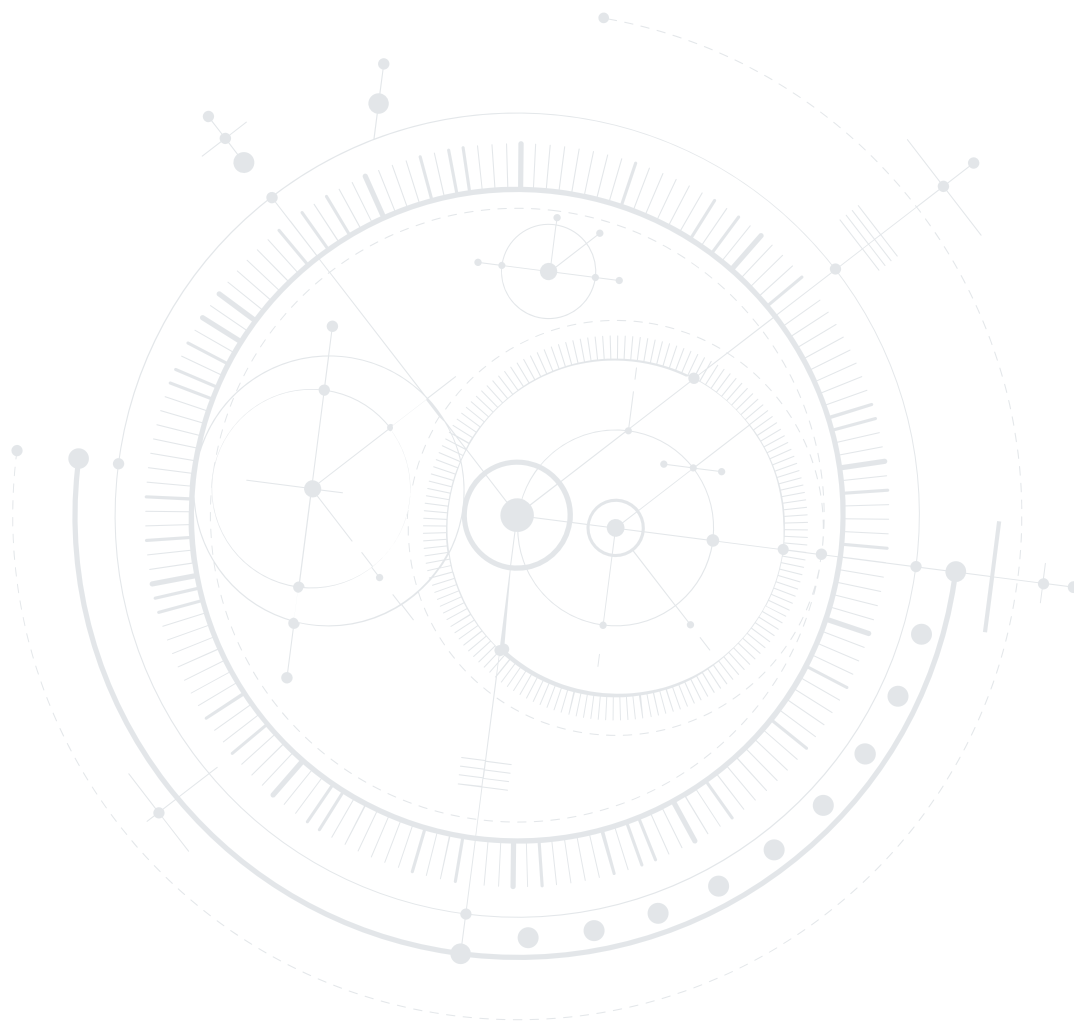




ELEVATOR TRAINING SET





The elevator training set has been designed to allow observation of both the structure and operation of an actual elevator that travels the distance of four floors. The elevator training set has a transparent structure which allows observation of the mechanical structure. Electrostatic coating has been applied to the main body which is made of sheet metal. Input, output and control units are mounted on compact laminate on the upper part of the set. In order to enable the user to use the training set along with multiple training sets when necessary, fully insulated 2mm and 4mm banana plugs have been used for PLC inputs and outputs. Fully insulated 2mm banana plugs have been used for microcontroller inputs - outputs. Connecting terminals for the inductive sensors on different floors, cabin and floor button terminals, elevator and door motor terminals, fan and buzzer terminals, 7 segment coder inputs, up and down LED indicator terminals have been placed on the control panel. The set features a sliding door that opens to the sides. Fan, alarm, open/close door and other such buttons found on an actual elevator are placed on the front panel.



TRAINING SET



TRAINING SET EQUIPMENT

- 24V and GND outputs,
- 24V buzzer, 24V DC motor with reducer
- Counterweight system,
- Testing wire connector with jacks available in 24 colors,
- IEC Power Cord,
- Below is a list of main applications which the test set can be used to perform:
- In addition to applications related to PLC or microcontroller and elevator, the set is suitable for the following:
- Stand-alone motor applications,
- Sensor applications,
- PLC programming and simulation applications,
- Flexible fixed connections which allow the user to determine which PLC and microcontroller inputs and outputs will control which unit of the elevator,
- Software development applications,
- Controlling through the microcontroller,
- Controlling via computer (using the special software and the interface that shows the elevator system)