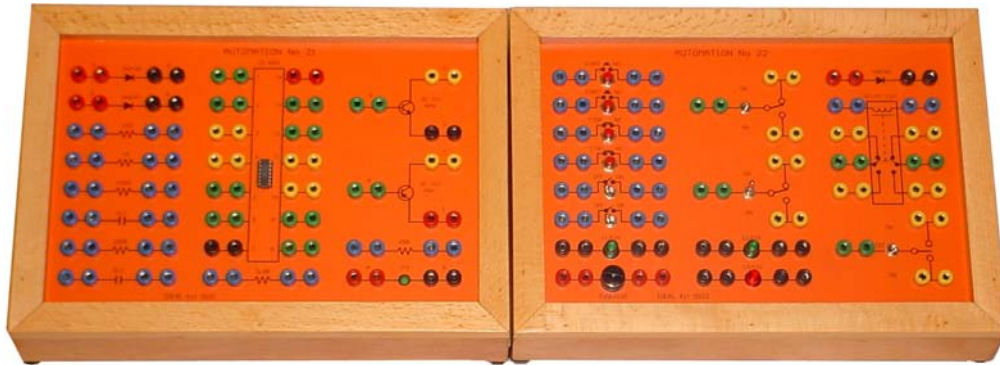


## No 21-22 | AUTOMATION EXPERIMENT BOARDS SET



### **Technical specifications :**

The Automation experiments boards set consists of two printed circuit boards each in a wooden frame. On the upper part of each board are the circuit imprints of the components with the necessary 4mm sockets for the power supply and measuring instruments connections. The dimensions of each board are 20x30cm. On the lower side of each printed circuit board are mounted the components that are protected by a transparent plexi glass cover fixed on the lower sides of the frame. Through this plexi glass cover the students can identify the various components.

### **EXPERIMENTS COVERED**

- Familiarization with the basic mechanical components
- Study of the mechanical logic circuits YES, NOT, AND, OR
- Study of the mechanical logic circuits NAND, NOR, XOR, XNOR
- Study of the integrated electronic components
- Study of the electronic components – diodes and transistors
- Study of the electronic and of the electromechanical components
- Latching relay with Stop or Start priority
- Latching relay with electronic and electromechanical components
- Study – Connection of the tank level control logic circuits
- Study – Connection of the well level control logic circuits