



## Temperature control - TEM



This laboratory is designed for the study of the temperature control application to allow the student a practical training, based on the performance of guided experiments. Industrial type components are educationally adapted by using a modular panel system to permit the step by step assembling from the simplest circuit to the most complex system.

This trainer has a modular structure and it consists of didactic panels installed on a vertical frame. It is supplied with a theoretical and practical manual. The modularity of this didactic system can give the students a direct and immediate approach to the topics, offering the opportunity to study various subjects, performing several experiments as following:

- With this laboratory it is possible to perform the following experiments:
- The two position controller in the temperature process
- The two position controller with delayed feedback in the temperature process
- The two position controller with elastic feedback in the temperature process
- The three range controller in the temperature process
- P, PI and PID controls of the temperature process using the CHR method

