



Processes - PRO



This laboratory is designed to study and to analyze the typical behaviors of the processes: the transfer characteristics, the behavior in transitory conditions, the time constants, the 1st and 2nd order processes, the higher order processes, the dead time, etc. The knowledge of the typical characteristics of the process is extremely important for a correct approach to the design of a control system.

For such reason, before studying the typical behaviors of the controllers, it is necessary to analyze all the possible characteristics that the process to be controlled can practically have.

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:

- P type process
- I type process
- I^2 type process
- 1st order processes
- Processes of order highest than the 1st
- 2nd order



List of modules for experiments:

No	EXPERIMENT	MODULES								
		DL 2613	DL 2675	DL 2676	DL 2677	DL 2687	DL ACTSW	DL 1893	DL 115ACT	DL 2100-3M
1	Type P	1	1	1			1	1	1	1
2	Type I	1	1	1			1	1	1	1
3	Type I ²	1	1	1			1	1	1	1
4	1st order	1	1	1			1	1	1	1
5	Higher than 1st	1	2	1			1	1	1	1
6	2nd order	1			1	1	1	1	1	1
7	TOTAL	1	2	1	1	1	1	1	1	1