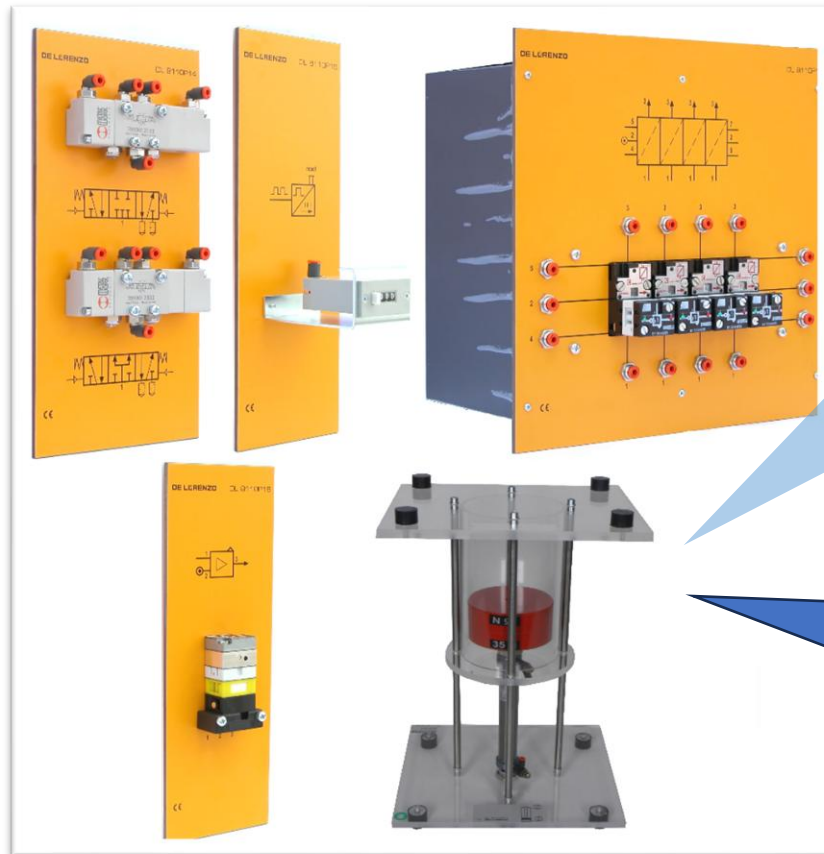




MODULAR ADVANCED PNEUMATIC TRAINER



Who is it for?

- Automation Technician
- Automatic Systems Maintenance Tech.
- Mechatronics Tech.

With this trainer the students can perform more than

38 experiments

DL 8110PA

This optional trainer, composed of five modules, is suggested in addition to the main pneumatic configuration **DL 8110PB**, to enhance the basic applications and to allow the students to perform a greater number of experiments using advanced components in this field. They can be mounted on the same frame supplied with the basic trainer, easy to fix and to remove, and can be feed from its main air supply unit.

All the components are identified through clear symbols.



TECHNICAL FEATURES

It includes the following modules:

- **DL 8110P14** with:
 - ◆ 1 pneumatically operated valve 5/3 with spring mechanical closed centres (CC), with silencers,
 - ◆ 1 pneumatically operated valve 5/3 with spring mechanical open under pressure (PC), with silencers.
- **DL 8110P15** with:
 - ◆ 1 pneumatic impulse counter with 4 digits and manual zero reset.
- **DL 8110P16** with:
 - ◆ 1 pneumatic amplifier with positive output.
- **DL 8110P17** (*module to be placed on the table and not on the frame*) with:
 - ◆ 1 double-acting magnetic cylinder ($\varnothing 25\text{mm}$, $l=100\text{mm}$),
 - ◆ 2 micro flow unidirectional regulators, assembled on the cylinder,
 - ◆ 1 weight of 35N, assembled on the rod of the cylinder.
- **DL 8110P18** with:
 - ◆ 1 pneumatic sequencer composed of four sequencer modules with pressure decay sensor each.

TRAINING PROGRAM

With these further five modules, the students can enhance their experience in this field performing complex applications.

The course of this advanced configuration includes:

- Indirect control of a DA cylinder with load and 5/3 valve with spring mechanical closed centres (CC),
- Indirect control of a DA cylinder with 5/3 valve with spring mechanical open under pressure (PC),
- Force in pneumatic systems,
- Work developed by a DA cylinder in pneumatic systems,
- Power in pneumatic systems,
- Energy in pneumatic systems,
- Automatic/Semi-automatic control of DA cylinders with sequencer,
- Pressure amplification in pneumatic systems,
- Pulse counter in pneumatic systems.

Supplied complete with detailed practical manual.

For the accessories supplied or suggested, please refer to catalogue **DL 8110PB**.