

**MAIN FEATURES:**

- Industrial PLC
- High didactic validity
- Real operation like in industry
- Friendly and safe operation
- Analog and digital simulators provided on panel
- Complete of programming and simulation software
- Clear synoptic
- Up to CE safety rules
- Manuals with programming examples
- ISO 9001 quality standard

The **DPS-201** trainer has been designed to solve easily and at a more than affordable price all the training problems related to the study of PLCs and of industrial process controls.

The **DPS-201** makes available in a single structure all the equipment required to carry out exercises at any level of complexity, from the simplest to the most demanding.

It is therefore perfectly suitable to support courses at any level of learning.

The **DPS-201** engineering has been focused on achieving great flexibility in a small size and with a low weight, for the sake of both simple storage and easy transportation.

They're available three different basic models which differentiate among them for the different brand of PLC employed:

- **DPS-201/M** : with **PLC Mitsubishi FXON** series
- **DPS-201/S** : with **PLC Siemens S7/200** series (300 series on request)
- **DPS-201/E** : with **PLC Siemens S5-S7** real emulator

The connection on easily accessible and normalised 4 mm safety sockets of all the process inputs and outputs gives to the student a clear understanding of the PLC IN/OUT, making the managing of the PLC easier and assuring reliability, flexibility and operational safety.

Upon Customer's request it is possible to assemble any kind and brand of PLC.

The **DPS-201** is a stand-alone training system, complete of any accessory to perform immediately experiences of different complexity and kind belonging to the industrial automation field. The manuals included in the system provide theoretical and practical subjects.

THE COMMON FEATURES OF ALL DPS-201 MODELS ARE:

- Industrial PLC with both analog and digital Inputs/Outputs (see different models)
- 3 mm. anodised aluminium panel with explanatory silk-screen printing
- unbreakable plastic back cover
- fittings for vertical positioning (desktop vertical metal holding frame) or use of desk-top
- 24V DC power supply
- input and output by means of high reliable 4mm safety sockets
- Employ of high reliable industrial standard components
- Anodised aluminium support panel with explanatory silk-screen printings
- Bistable input switches
- Safety bushes 4 Ø mm for input and output signals
- One normalised 0-10V variable analog generator
- 24V DC regulated power supply included
- User's manuals with practical exercises
- PC programming software
- PC-PLC serial cable

THE MAIN FEATURES OF EACH OF THREE BASIC PLC MODELS AVAILABLE ARE:**DPS-201/M : with PLC Mitsubishi FXON 24MR-DS**

- Digital Inputs: 14 (24Vcc)
- Digital Outputs: 10 (free potential)
- Analog Inputs: 4 (0-10V)
- Analog Outputs: 2 (0-10V)
- Programming and simulation software on Windows environment

DPS-201/S : with PLC Siemens S7/200 series

- Digital Inputs: 14 (24Vcc)
- Digital Outputs: 10 (free potential)
- Analog Inputs: 4 (0-10V)
- Analog Outputs: 1 (0-10V)
- Programming and simulation software on Windows environment

DPS-201/E : with PLC Siemens S5-S7 real emulator

- Digital Inputs: 24 (24Vcc)
- Digital Outputs: 16 (free potential)
- Analog Inputs: 2 (0-10V)
- Analog Outputs: 2 (0-10V)
- Programming and simulation software on Windows environment