Phone: +91-9896600003
Email : sales@naugralabequipments.com

Product Name :	**Product Code :**
Didactic Process Control Pilot Plant	CE785

Description :

Didactic Process Control Pilot Plant

Technical Specification :

Didactic Process Control Pilot Plant
This pilot plant allows the study of the continuous process control, based on the typical four variables, that is, Pressure, Temperature, Flow and Level. This plant is made of real industrial and commercial components, easily identified by the student and commonly utilized in industrial plants.
Besides the indicators and sensors, the plant includes transmitters that convert the physical signals to electric signals, to be processed by the PLC and/or the PID controllers. Additionally, the plant has a terminal bus, where all the electrical signals are available for an external controller.
This plant is basically composed of:
The main aluminum structure with rollers for easy moving. Dimensions: 2400x800x1700 mm.
The control panel with PLC and all the electric components for plant control and study
Two pressurized vessels (one made in Acrylic and another made in stainless steel)
A centrifugal recirculation pump controlled by a frequency inverter that is on the PID network
A heater and heat interchanger
Temperature, pressure, flow and level sensors
Directional valves
Electrical power controller
A PID controller
Technical Features:
Vessel capacity: 120 liters
Recirculation pump with 20 to 50 liters/min

Temperature sensor type PT100 with intelligent transmitter
Different types of level sensors
Diaphragm type pressure sensor regulated at 500 mmH2O
Rotameter type flow sensor
Requirements
Input power: three-phase
Compressed Air: 6Kgf/cm2
Water input and output connections
PC station with Windows operating system

Naugralabequipments

Website: www.naugralabequipments.com, **Email:** sales@naugralabequipments.com

Address: 6148/6, Guru Nanak Marg,Ambala Cantt,Haryana,India. **Phone:** +91-9896600003