



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Pressure Control And Regulation Study Unit

**Product Code :**  
LBNY-0005-12600019



[www.laboratoryinstrumentindia.com](http://www.laboratoryinstrumentindia.com)

**Description :**

Pressure Control And Regulation Study Unit makes it possible to analyse the behavior of a control loop where the controlled quantity is the pressure of the air in a tank. Pressure control is one of the main problems encountered in factory automation and process control. Students can examine the effects of the different control parameters on the performance of the control chain and on the stability of the system; furthermore, they can become familiar with the components commonly adopted in modern industrial applications, as the system is entirely made of industrial quality components. With this trainer, all the tests can be performed through a Personal Computer and a special software for Windows. This makes the problem of choosing the most suitable control technique very interesting. Compared to other quantities such as the level or the temperature the pressure varies as a function of the regulating signal in a very quick way.

**Technical Specification :**

Compressed air: 5 bar, mini. 200 l/min  
Electric Power Supply 220/240 V AC - 50/60 Hz  
Weight and Dimensions:  
Dimensions: 660 x 460 x 720h mm  
Weight: 40 kg.

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