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**Product Name :**  
Operation Of Industrial Controllers

**Product Code :**  
LBNY-0005-12700098



### Description :

Experimental unit for industrial controllers  
All variables accessible as analogue signals at lab jacks  
Signal generator with potentiometer  
Digital voltmeter  
Digital controller, configurable  
First order lag controlled system simulator.

### Technical Specification :

Controller  
Integral action time  $T_n$ : 0...3600s  
Derivative time  $T_v$ : 0...1200s  
Configurable as P, PI or PID controller  
Proportional gain  $X_p$ : 0...999,9%  
2 inputs, 1 output  
Voltmeter  
Resolution: 10mV  
Measuring range: 0...20V  
Reference variables generator  
Output voltage: 0...10V  
2 voltages selectable  
Controlled system simulator  
Controlled system gain: 1...10

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Process variables as analogue signals: 0...10V

Controlled system type: first order lag

Time constant: 20s

Connection of external instruments (e.g. oscilloscope, line recorder) via lab jacks.



**Laboratory Instrument India**