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Product Name :
Controller Trainer

Product Code :
LBNY-0005-18500011



Description :

The Controller is for use with most products in Control Engineering range, but it will work with any other compatible laboratory equipment.

These blocks mimic the important parts of industrial controllers. Clear diagrams on the front panel of the controller show the blocks, each of which has its own set of connection sockets. This compact unit has analogue electronic circuits connected in blocks. The user connects the blocks in any way that they need and then connects them to their chosen products in the range.

The blocks include:

Fully adjustable potentiometers that can work as setpoints or attenuators
A function generator and digital voltmeter
Proportional and integral blocks
A complete three-term PID (proportional, integral, derivative) block
Phase lead
Summing junctions.

Technical Specification :

Experiments:

Engine speed control
Servo control
Temperature (thermal) control
Level control
Coupled drive control

Operating Conditions
Ball and beam control
Ball and hoop control.



Laboratory Instrument India