



Email : sales@laboratoryinstrumentindia.com

Product Name :
Training System Temperature Control Experiment

Product Code :
LBNY-0005-127000104



Description :

Heating and cooling by Peltier element
Temperature sensors at 3 different points along axis of bar to establish thermal lags
Experimental unit for control engineering experiments
Temperature control of a heated metal bar
Process schematic on front panel
Software activated fan to generate disturbance variables
Software-based controlled system simulation.

Technical Specification :

Heated bar: DxL: 20x200mm, aluminium
Peltier element
operated by DC voltage
power consumption depending on temperature
power at 50°C: 44,3W
power at 300K: 38,2W
Fan
Temperature sensor: 0...100°C
Thermometer: 0...100°C
Power consumption: 2W
Max. flow rate: 40m/h
Temperature control range: 0...100°C.



Laboratory Instrument India