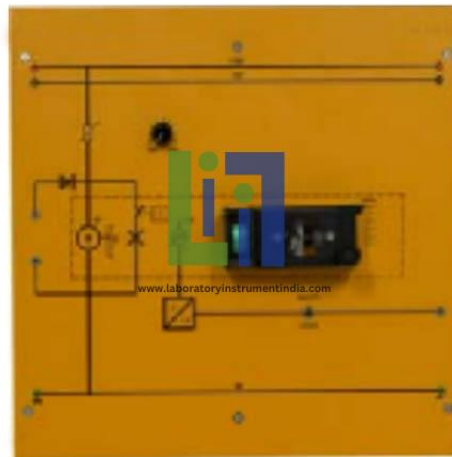




Email : sales@laboratoryinstrumentindia.com

Product Name :
Temperature Control System

Product Code :
LBNY-0005-12600075



Description :

A halogen lamp represents the heating element; a fan and a shutter valve allow, a PTC sensor provides the feedback signal; besides the reaching of a uniform temperature within given safety limits, also the insertion of noise variable. Temperature Control System represents a process for the control of the temperature, suitable for analysing continuous and discontinuous closed loop control systems.

Technical Specification :

Technical features:

Temperature for the intervention of the bimetallic safety

switch: 90100 $\hat{A}^{\circ}\text{C}$

Power supply: +15 V ; 0 V ; $\hat{A} \cdot 15 \text{ V}$

Max. temperature: 100 $\hat{A}^{\circ}\text{C}$

Compensation time TG: about 120 s

Apparent dead time TU: about 10 s

Feedback signal:

1 V / 10 $\hat{A}^{\circ}\text{C}$

2 mA / 10 $\hat{A}^{\circ}\text{C}$.

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