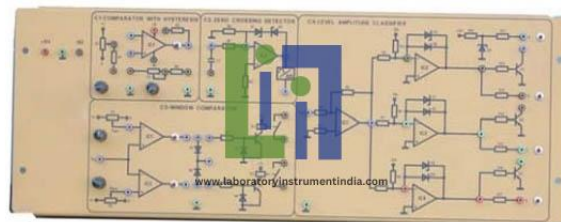




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Comparators

**Product Code :**  
LBNY-0005-124000106



#### **Description :**

The board is designed to study the operating principle of voltage comparators and to perform experimental checking of the most popular and important circuits realized with these components. The board is supplied complete with a set of stackable, plug in cables of suitable lengths and colours and with a training manual. The outputs of the comparators are provided with LED to show their electrical state. Power supply:  $\pm 15$  Vdc, 750 mA. The board is divided into four sections for the study of, respectively:

- hysteresis comparator
- zero crossing detector
- window comparator
- amplitude level classifier.

#### **Technical Specification :**

##### **Experiments:**

- Analysis of amplitude detecting circuits with logic output decoding
- Analysis and checking of symmetrical and asymmetrical hysteresis cycle comparators
- Analysis and checking of zero crossing detector and window comparator
- Analysis and checking of inverting and non inverting voltage comparators.

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# Laboratory Instrument India

