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**Product Name :**  
Brake & Load Unit

**Product Code :**  
LBNY-0005-10100035



[www.laboratoryinstrumentindia.com](http://www.laboratoryinstrumentindia.com)

**Description :**

Many vibration phenomena can only be achieved when the system is under load. The braking torque can be finely adjusted on the control unit. The exciter current is applied as a measure of the braking torque and is indicated digitally on a display. An integrated belt drive, with a free shaft, provides the brake with two torque and speed ranges. The brake and load unit is used to generate vibration as a function of torque, e.g. in toothed gearing mechanisms or electric motors. The energy is converted by the brake into heat and discharged to the ambient air by a fan. The brake can be quickly and precisely mounted on the slotted plate of the base unit. It consists of a magnetic particle brake and an electric control unit.

**Technical Specification :**

Control unit with exciter current display  
Potentiometer to adjust braking torque  
Brake and load unit for the machinery diagnostic training system  
Temperature protection and fan overheating protection  
Magnetic particle brake  
Integrated belt drive for second speed and torque range.



**Laboratory Instrument India**

