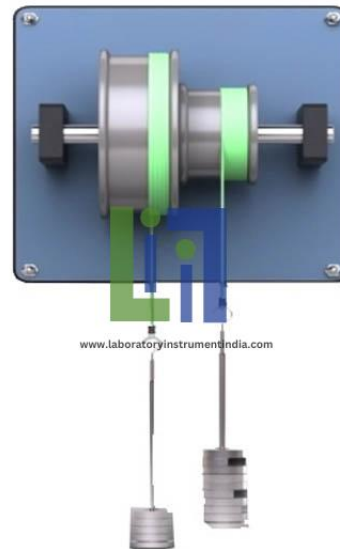




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Wheel and Axle Apparatus

**Product Code :**  
LBNY-0005-14000030



#### **Description :**

Wheel and Axle Apparatus Using the hangers and weights allows the experimental determination of velocity ratio and comparison with calculated values. The dual diameter wheel has an axle supported on simple pivots in a sturdy wall mounting bracket. A load hanger is added to each cord allowing loading of the wheels using the calibrated weights set provided. Students can also determine the variation of effort with load and the variation of efficiency with load. Each wheel has a cord wrapped around its periphery. The cords can be wrapped in either direction around each wheel.

#### **Experimental Capabilities:**

Determination of variation with load of effort

Determination of variation with load of efficiency

Experimental determination of velocity ratio and comparison with calculated value.

#### **Technical Specification :**

Wall mounted apparatus for investigation of the mechanics of simple wheel and axle machine

Set of weights

Comprehensive instruction manual provided.

Supplied with wall mounting bracket, wheel and axle machine, cord pulleys and load hangers

Wheel diameter#1 =  $\text{Ø}138\text{mm}$

Wheel diameter#2 =  $\text{Ø}68$ .



**Laboratory Instrument India**