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**Product Name :**  
Belt Drive Kit

**Product Code :**  
LBNY-0005-10100038



#### **Description :**

It is important that the belt should not vibrate and/or slip. The belt drive is a dual belt drive with a belt tensioner. It can, however, also be operated with only one belt. The accessory set-up can be used to investigate conditions that cause vibration or slip. The effect of disparate elongation on multiple belt drives can be demonstrated by means of individually-adjustable tensioning rollers. When properly designed, manufactured, and correctly set; belt drives are low-maintenance, low-noise, long-life drive units. The brake and load unit is required to conduct the experiment. The accessory set can also be used to apply transverse loads in other experiments. An eccentrically-bored small belt pulley and a damaged V-belt enhance the range of possible experiments.

#### **Technical Specification :**

Belt drive can be operated with one belt  
Individually-adjustable tensioning rollers  
Investigation of the vibrations of belt drives  
Belt drive with eccentricity  
Dual belt drive with V-belt  
Damaged V-belt  
Belt pre-tension measuring device 0...150N  
Suitable for applying transverse loads on other systems within the accessory sets of the series  
Stackable box for all components

#### **Technical Data:**

V-belt pulleys  
Small, eccentric: D=63mm

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Large: D=125mm  
Small: D=63mm  
Axle centres: 300mm  
V-belt  
Belt length: 912mm  
SPZ, 10mm wide  
Dimensions and Weight of Belt Drive Kit  
l x w x h: 600x400x170mm (box)  
Weight: approx. 6kg.



**Laboratory Instrument India**