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**Product Name :**  
Drive Systems Kit

**Product Code :**  
LBNY-0005-1980005



#### **Description :**

This versatile kit is part of a series that allows many experiments using different arrangements of their parts. Students test a universal coupling, a belt drive and a chain drive to see how they work and how they differ in the way they transfer motion. The kit introduces students to key engineering terms such as gear ratio, pulley ratio and efficiency. The kit includes extra parts to help show the importance of the angle of lap around a pulley and its relationship with friction. Students, teachers or lecturers fit the parts of the kit to the Work Panel to study or show an engineering science topic. This kit includes three different drive systems to show their relative advantages and disadvantages. The selection of parts in the kits and the choice of fixing points on the Work Panel that teachers or lecturers may extend the experiments to an even greater range. It includes all the worksheets, guidance notes and lecturer notes needed for typical experiments with each kit.

#### **Technical Specification :**

Storage tray (with clip-on lid): 450 mm x 320 mm x 85 mm

Packed Volume Weight: 0.015 m<sup>3</sup> and 4.4 kg

Nett Weight: 3.9 kg

Main parts:

Universal coupling

Weight hangers and weights

Chain drive

Belt drive.



**Laboratory Instrument India**