



THE LAB EQUIPMENT

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**Product Name :**

Gear Trains Kit

**Product Code :**

SLE/ETP/23



## Description :

- This kit includes a selection of different gears for experiments to find their unique characteristics.
- The spur gears have two sets of teeth on the same shaft, allowing extra experiments in compound gear trains.
- The gears include Spur Gears, a Bevel Gear and a Worm Drive.
- The kit introduces students to key engineering terms such as gear ratio, efficiency, mechanical advantage and velocity ratio.
- The gear sets are a selection of the most common sets similar to those used in real applications, such as automobile gear boxes, domestic and industrial hand tools and clockwork instruments.
- Students test each set of gears to see how it works and note the differences in characteristics of each set.

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