

Product Name :
Gear Train Model**Product Code :**
ALABS-A179-090**Description :****Gear Train Model**

This benchtop unit conveys the relationship between the number of gear teeth on spur gears and the transmission ratio of gear trains. The unit consists of a metal base plate with a fixed axle and a rail made of steel. Two further axles can be clamped to the rail in any position. In this way it is possible to construct one and two stage gear trains with any combination of gears. By undoing a locking pin, the rail can be swivelled around the fixed axis providing a demonstration of planet gear trains. Drive pins couple the gears. Four plastic gears are included with the unit. A plastic box is used to store the parts not in use.

Specification:

1. Benchtop experiment on the relationship between the number of gear teeth and the transmission ratio of gear trains
2. Spur gear trains 1 and 2 stage, planet gear trains
3. Plastic gears

4. Base plate and carrier rail made of metal

5. Plastic box for storing parts

6. lxwxh 375x120x100mm

Technical Data:

Plastic gears

- modulus: 1mm

- number of teeth: 40, 60, 80, 100



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