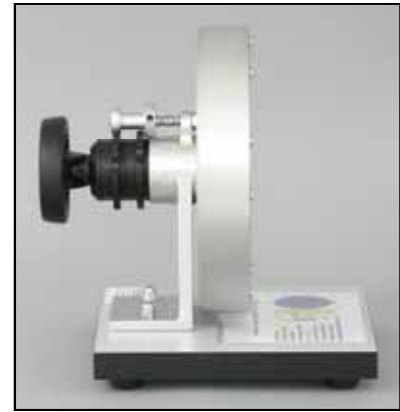


Planetary Gear (model ART. 1069)



- Ring Gear
- Planetary Gear
- Sun Gear
- Planetary Carrier
- Housing
- Gear Shift Lever
- Sun Gear Control
- Ring Gear Control
- Planetary Carrier Control

This model shows clearly and instructively the operation of a planetary gear set. It is fully selectable for demonstrating the various Drive/Held/Driven combinations inherent in an Epicyclic power transfer system. Numerous automotive subjects such as Automatic Transmissions, Starters, and Transfer Cases will be enhanced by the addition of this training aid. Students will also find value in learning to understand concepts such as Power Distribution, Torque, Energy Loss, and Gear Ratios.

Features:

- Realistic Operation of an actual Planetary Gear Set
- Fully Selectable Drive/Held/Driven Combinations
- Hands-On Interactivity
- Enhances the study of automotive areas (Automatic Transmission, Starters, etc.) where Planetaries are incorporated
- Assists in the teaching of Hybrid and Alternate fuel vehicles, which utilize these gear sets
- Useful in non-Automotive Math and Physics courses for concepts such as Gear Ratios and Angular Velocity Calculations
- Hand operated, no external power source required
- Rugged Construction

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