

**Product Name :**  
Universal Governor Apparatus**Product Code :**  
Dynamics0001**Description :**

Universal Governor Apparatus

**Technical Specification :**

The set up consists of a small electric motor connected bevel reduction gear box or belt and pulley system through a flexible coupling. The Governor spindle is driven by a solid coupling connected to the gear box output shaft and is supported on ball bearing. The optional governor mechanism can be mounted on spindle. Speed control unit is provided to regulate speed and extension to the spindle shaft can be used to use hand tachometer. The center sleeve to the porter and proell governors incorporates a weight sleeve to which weights are added. The Hartnell Governor can be operated as a stable or unstable Governor. The following range of experiments can be

**Performed:**

- a) The effect of varying mass of the center sleeve.
  - b) The effect of varying the rotating mass.
  - c) Determination of characteristic curves of sleeve position against speed of rotation.
- The effect of varying the initial spring compression.

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