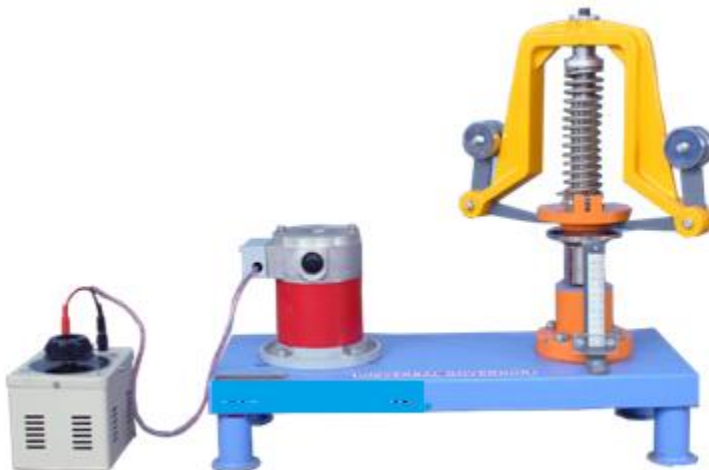
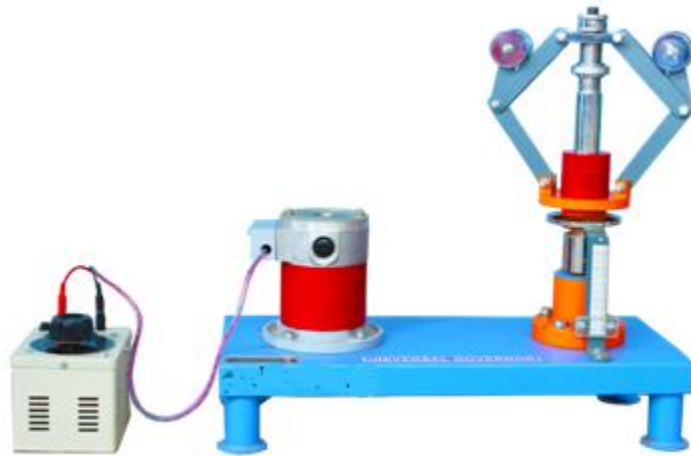


TOM-005 UNIVERSAL GOVERNOR APPARATUS



RANGE OF EXPERIMENTS TO BE CARRIED OUT:

The apparatus can perform following experiments on

1. Watt type Governor.
 2. Porter type Governor.
 3. Proell type Governor.
 4. Hartnell type Governor.
-
1. Determination of characteristic curve of sleeve position against controlling force & speed.
 2. Plotting of characteristic curves of radius of rotation.

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TECHNICAL DESCRIPTION :

The drive unit consists of a small electric motor connected through 'V' belt to shaft drive. Motor & main shaft are mounted on a rigid M.S. Base plate in vertical fashion. The spindle is supported in a ball bearings.

The optional governor mechanism can be mounted on spindle. Precise speed control is offered by the speed control unit, & counterhole over the spindle shaft allows the use of a handi tachometer to determine the speed. A gradulated scale is fixed to the sleeve & guided in vertical direction

DIMENSIONS AND WEIGHT :

Size :0.5 m.(L)x 0.5 m(W) X 0.7m (H)

Weight :Approx. 15 Kg

SERVICE REQUIRED :

230 v Ac Supply 50 Hz

SCOPE OF DELIVERY:

1. Experimental Setup
2. Instructional Manual

OPTIONAL FACILITY: Data logging Facility