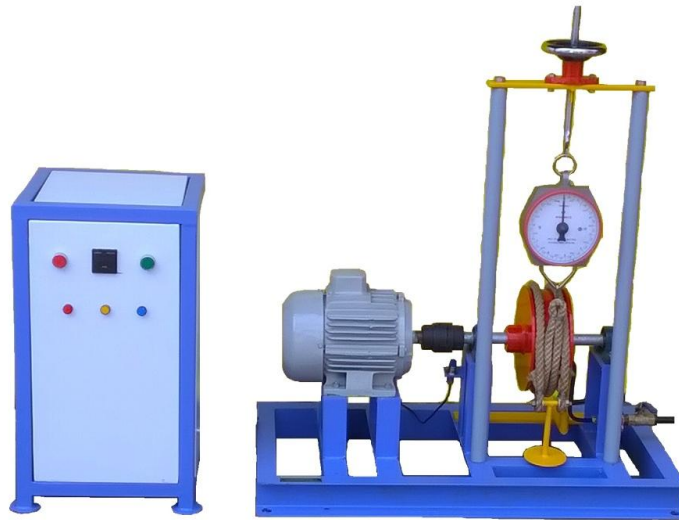


TOM-014 **ROPE BRAKE DYNAMOMETER****RANGE OF EXPERIMENTS TO BE CARRIED OUT:**

1. To calculate the torque of Rope brake dynamometer.
2. To calculate the efficiency of dynamometer

TECHNICAL DESCRIPTION:

The rope brake dynamometer Assembly is held between a Plummer / Bearing Block & Prime mover. In continuation with the output shaft , a Flat Surface Pulley is linked..To apply load or torque on the output of friction mechanism is used. Good quality Brake lining is fitted on a half-round plate. And this plate with necessary supports, is placed on the top of the Flat Surface pulley. With the help of this arrangement, one can place load plates or weights, to generate friction Torque

Total components including Motor are mounted on a suitable & sturdy mechanical frame.Good lay out based Electrical Control Panel is provided along with, so as to exert suitable control on the apparatus. All set up is provided with powder coated finish, form aesthetic & durability point of view. Necessary arrangements like foundation drilling are also provided.

DIMENSIONS AND WEIGHT :

Size :1.0 m.(L)x 0.7 m(W) X 0.7m (H)
Weight :Approx. 65 Kg

SERVICE REQUIRED : 230 v Ac Supply 50 Hz

SCOPE OF DELIVERY:

1. Experimental Setup
2. Instructional Manual

OPTIONAL FACILITY: Data logging Facility