



### Description:

This apparatus is specifically designed for determining the friction torque in plain journal bearings. It features a comprehensive setup for accurate measurement and control, including temperature monitoring and friction torque assessment.

### Specifications:

- **Shaft:** Steel shaft driven by a variable-speed electric motor.
- **Speed Control:** Shaft speed can be controlled using a potentiometer on the front control box.
- **Temperature Measurement:** Allows measurement of temperature in the journal housing.
- **Friction Torque Measurement:** Achieved by adding weights to a load hanger suspended from a damped torque arm.
- **Load Capacity:** Can apply a steady load to the bearing of up to 650 N.
- **Speed Measurement:** Supplied with an electronic tachometer for shaft speed measurement.

### Supplied Complete With:

- Full Set of Weights
- Hangers
- Tools
- Comprehensive Instruction Manual for students and instructors

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



Export Sales: +91-9829132777  
 India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,  
 Sitapura Extension, Jaipur-302022, India.



info@tesca.in  
 www.tescaglobal.com