

Voltage utilized in industry are of either Resistive, Inductive or Capacitive types these provide various types of power factor and the power system behaves accordingly.

Resistive load banks are used to provide braking effect or for Heat dissipation.

These have canthel wires wounded on porcelain tubes through which electricity is passed & current flows, normally for Resistive loads the Power factor is unity.

This Model is the Industrial/Educational model suitable for demonstrating to students the complete know of the Basics, Loading provided in steps, Study of Efficiency & Maintenance of these Loads packaged in small rating. Students can make connections of their own with the help of the terminations provided.

Technical Specs :

Power ratings available : 1KW / 2KW / 5 KW / 10KW
Voltage Primary : 440V AC 3Phase / 220V AC Single phase / 220V DC
Enclosed in cabinet with Steps provided for loading, meters provided for each phase & terminations brought out on Banana terminals



List Of Experiments:

- 1) Calculation of total resistance
- 2) Change of resistance on load
- 3) Efficiency evaluation
- 4) Study of losses
- 5) Basic Overhauling Know how

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tesca.in