



Features

- Designed for demonstration of power transmission by frictional clutch.
- Digital Instruments for measurement of parameters Torque, Input power, RPM etc.

Automotive Clutch Testing Machine Order Code : 32713 is designed to demonstrate operation of frictional clutch and experimentally evaluate the performance at different power / torque settings.

The unit consists of motor along with clutch. The clutch is connected with the shaft to the absorbing dynamometer. Speed of motor is controlled by speed regulator. The power which is generated by motor is transmitted through the clutch, to the dynamometer. Instruments are provided to measure the input power, transmitted torque, speed etc.

Specifications

- Electric Motor: 2 hp @ 3000 RPM with speed controller
- Dynamometer: Eddy current brake, 2 kW @ 3000 RPM
- Input Power Indicator
- Torque Sensor with Digital Indicator
- RPM Sensor with Digital Indicator

Experiments

- Determination of Power Transmitted by Single Plate Clutch at different speed & torque inputs.

Required Services

- Electric Supply 220-240 V AC, 50 Hz, 16 A, Single Phase, Earthed.

Note: Specifications are subject to change.

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