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Product Name :
Dynamometer Eddy Current Brake

Product Code :
LBNY-0005-120000164



Description :

The appliance is designed as an eddy current brake. The magnetic effect uses up the engine power; the rotating torque is transformed into a locked rotor torque and measured. The energy is transformed into heat. The educational appliance Engine Dynamometer was developed specifically for purposes of teaching and for other measurements of engine output. The compact structure makes it possible to quickly disconnect the unit from one engine and attach it to another. The engine output is transmitted by the driveshaft. By means of an intermediate flange, it is screwed to the clutch bellhousing and centered.

Components:

Driveshaft with special coupling
Electronical data recording including software
Eddy current brake, movable with protection guard
Assembly flange at flywheel of the engine

Possibilities of Trial and Demonstration:

Performance calculation using the measured values
Rotational speed and torque measurement with different engine operating conditions.

Technical Specification :

Max. engine torque: 1000 Nm
Power supply: 230 V.



Laboratory Instrument India