

Product Name :
Single Cylinder Two Stroke Petrol Engines Test Bench

Product Code :
CHINAELABC2630016



Description :

Single Cylinder Two Stroke Petrol Engines Test Bench

Technical Specification :

FEATURES:

Control and load unit for single-cylinder internal combustion engines up to, 3 kW.
Asynchronous motor used as load unit, also as starter motor.
Determination of specific fuel consumption.
Determination of volumetric efficiency and lambda (fuel-air ratio).
Determination of the frictional power of the engine (in passive mode).
Vibration-insulated base plate for engine mounting.
Plotting of torque and power curves.
Stabilisation tank for intake air.
Measurement and display of torque, air temperature, air intake quantity, negative intake pressure, speed, fuel consumption, fuel temperature.
Measured value displays for engine: exhaust gas temperature and cooling water temperatures.

SPECIFICATION:

230V, 60Hz, 1 phases
Asynchronous motor as brake
Power output: approx. 3 kW at 2900min⁻¹

Measuring ranges :

Torque: -50...50Nm
Temperature: 0...900°C

Speed: 0...5000min-1
Fuel consumption: 50cm³/min
Engine intake pressure: -400...0mbar
Air consumption: 0...690L/h



Engineering Lab China