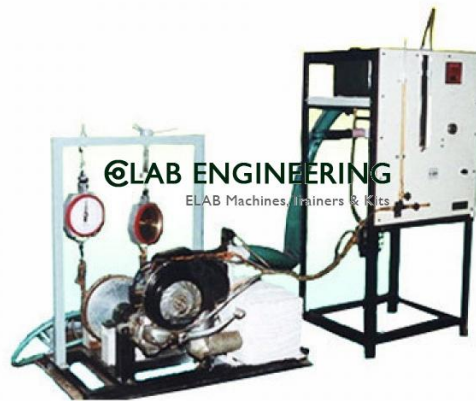


Product Name :
SINGLE CYLINDER TWO STROKE PETROL ENGINE
WITH ROPE BRAKE DYNAMOMETER**Product Code :**
Heat Engine0005**Description :**

SINGLE CYLINDER TWO STROKE PETROL ENGINE WITH ROPE BRAKE DYNAMOMETER

Technical Specification :

Engine : Single-cylinder 2-stroke Petrol Engine, (Bajaj make)
Maximum power (P) : 2.2 Kw @ 1500 RPM
Rated speed (N) : 1500 R.P.M.
Speed measurement : Digital RPM Indicator OR Tachometer at Extra Cost
Temperature : Multi - Channel digital Temperature Indicator
Compression Ratio (CR) : 8.8:1
Net Torque : 9.70 N-m
Displacement : 100cc
Piston Stroke (L) : 57.7 mm
Bore (D) : 57 mm
Starting : Kick Start
Loading (BHP, Maximum) : Rope Brake Dynamometer
Engine cooling : Air Cooled
Exhaust gas calorimeter : Shell and Tube Type Calorimeter
(For Heat balance sheet)
Engine Output (watt) : Spring Balance for dynamometer
Air flow : By M/S tank, Orifice plate, a Manometer

Fuel flow rate : Glass Burette with cover
Required Service : 15 amp single phase electrical connection
1/2" Continuous water supply
Proper Rigid Concrete foundation

The whole setup is fitted on M.S. Frame & Control panel.

 **LAB ENGINEERING**

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