

**Product Name :**  
MULTI CYLINDER FOUR STROKE PETROL ENGINE  
WITH EDDY CURRENT DYNAMOMETER

**Product Code :**  
Heat Engine0007



### Description :

MULTI CYLINDER FOUR STROKE PETROL ENGINE WITH EDDY CURRENT DYNAMOMETER

### Technical Specification :

Engine : Multi-cylinder 4-stroke Petrol Engine, (Maruti make)  
Maximum power (P) : 27.6 kW (37 HP)  
Rated speed (N) : 5000 R.P.M.  
Speed measurement : Digital RPM Indicator  
Temperature : Multi - Channel digital Temperature Indicator  
Compression Ratio (CR) : 9.2:1  
Stroke length : 72.0mm  
Connecting rod length : 114mm  
Bore (D) : 66.5mm  
No. of cylinders : Three or Four  
Starting : Key Start with battery  
Loading (BHP, Maximum) : Eddy Current Dynamometer  
Water cooling : Water cooling for auxiliary Head  
Exhaust gas calorimeter : Shell and Tube Type Calorimeter  
(For Heat balance sheet)  
Engine Output (Kg.) : 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

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1/2" Continuous water supply  
Proper Rigid Concrete foundation

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

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