

**Product Name :**  
Automotive One Engine Test Set

**Product Code :**  
ASTRALAB-SUPPLYA21076



**Description :**

Automotive One Engine Test Set

**Technical Specification :**

A gasoline Briggs and Stratton air cooled engine, is offered as an engine option. Alternatively a diesel engine, the is offered as a separate alternative. The instrumentation and control panel is mounted on the front of the frame. It is a self-contained compact unit designed for easy installation and bench mounting. Included within the engine framework are the fuel system, which incorporates a fuel tank and fuel solenoid valve, and the air induction system. The engine and dynamometer are carried on a solid steel base plate resiliently mounted within

a steel framework. The engine and dynamometer are carried on a solid steel base plate resiliently mounted within a steel framework. An automotive alternator is used as a dynamometer to load the engine and dissipate the power in a resistive load bank.

Experimental Capability of Automotive One Engine Test Set:

Engine performance curves at full and part load.

Effect of mixture on gasoline engine performance and fuel consumption.

Engine efficiency and fuel consumption variation with speed and load.

Effect of mixture strength on gasoline engine performance and fuel consumption.

The gasoline unit is provided with a lean/rich fuel mixture device.



## **Astra Scientific**

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