

Product Code . ILS-ELE-10661



Automotive One Engine Test Set

Description

Automotive One Engine Test Set

A gasoline Briggs and Stratton air cooled OHV 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.

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- Effect of mixture strength on gasoline engine performance and fuel consumption.
 - The gasoline unit is provided with a lean/rich fuel mixture device.

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