

**Product Name :**  
Single Cylinder Engine Test Bed

**Product Code :**  
ASTRALAB-SUPPLYA21078



**Description :**

Single Cylinder Engine Test Bed

**Technical Specification :**

First of all the welded steel baseplate complete with D.C. dynamometer, drive coupling and safety guard, spring type anti-vibration mountings, exhaust silencer, flexible pipe and provision for engine mountings. Secondly the framework/console which is positioned over the test bed carrying all instrumentation and controls, fuel system with flow measurement by burette, air flow measurement system, multi-point temperature indicator together with all the electrical circuits necessary for control of the dynamometer and engine. Two main components form the

basis of the test bed.

Experimental Capability of Single Cylinder Engine Test Bed:

Air/Fuel ratio.

Fuel consumption mixture loops.

Heat balance and energy studies.

Frictional power losses.

Full and part load performance.

Volumetric efficiency.



## **Astra Scientific**

[www.astrascientific.com](http://www.astrascientific.com), **Email:** info@astrascientific.com

**Address:** K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265