

**Product Name :**  
Multi-cylinder Engine Test Beds

**Product Code :**  
ASTRALAB-SUPPLYA21079



**Description :**

Multi-cylinder Engine Test Beds

**Technical Specification :**

All rotating parts are protected by fixed guards. The engine is directly coupled to the dynamometer using an inertia matched drive shaft. The drive shaft guard is interlocked with the Emergency Stop circuit to prevent the engine from use when the guard is removed or open. The test bed incorporates a robust mounting frame to which both the engine and dynamometer are fitted. The frame is fitted with wheels to allow the test bed to be easily moved.

Full and part load measurement of engine parameters to produce:

Volumetric efficiency plots.

Brake mean effective pressure plots.

Flow rate and temperature change for oil and coolant.

Power and torque curves.

Fuel efficiency plots.



## **Astra Scientific**

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