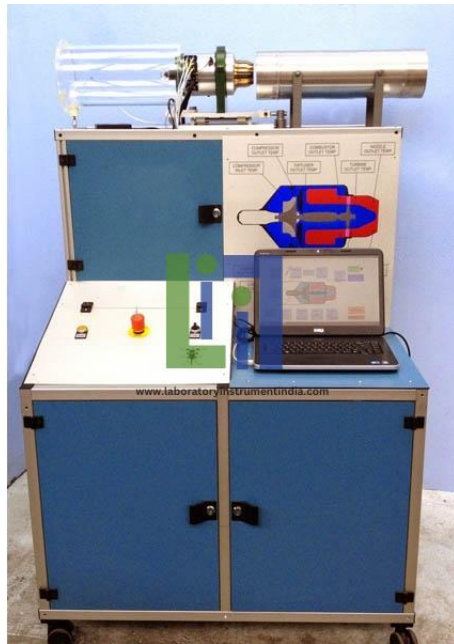




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Turbojet Engine Test Stand

**Product Code :**  
LBNY-0005-1650001



**Description :**

The engine used incorporates a single stage centrifugal compressor, feeding air into a combustion chamber fed by multiple fuel injectors, and through to a single stage centrifugal turbine. The turbo jet test stand is mounted on a wheeled trolley allowing it to be moved to an operational area or stored in a convenient location. We have developed a turbo jet engine test stand to provide a cost effective method of testing the performance of an operational aero jet engine. The test stand provides a fully functioning and instrumented engine.

**Experimental Capability:**

Performance analysis of a Turbojet at varying power  
Demonstration of the Turbo jet principle

**Technical Specification :**

The unit should alternatively be provided with a physical mimic diagram plate or be instrumented for data acquisition and a digital mimic diagram. Thrust produced must greater than the range up to 230N and be measured electronically. A trolley mounted single shaft turbojet designed for flight is to be supplied so as to demonstrate the turbojet principle. It is to be instrumented, so as to all allow a performance analysis of the turbojet at various speeds to be undertaken. Speed is to be up to 110,000 rpm and full power pressure is to be over 2 bar.

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# Laboratory Instrument India

