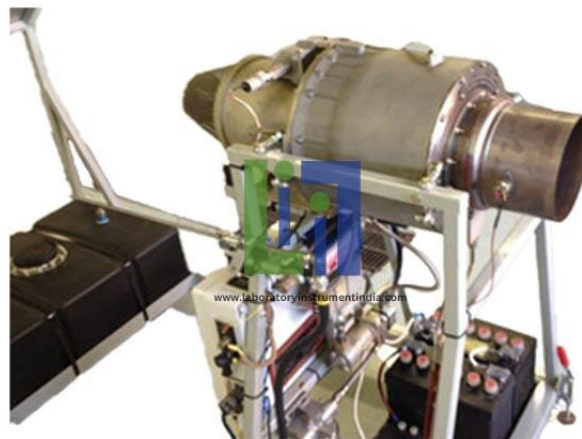




Email : sales@laboratoryinstrumentindia.com

Product Name :
Turbine Engine Training System

Product Code :
LBNY-0005-19900012



Description :

The turbine engine comprises of a gas generator that incorporates a centrifugal compressor, an axial flow turbine rotating unit and an ignition and combustion system. The Turbine Engine Training System is a self contained unit mounted on a sturdy steel frame, with caster wheels for easy mobility. Turbine Engine Training System is a functional, scaled down turbine engine ideally suited for training applications. The engine is a small compact free turbine engine. The control panel also has engine instruments resembling aircraft installation, comprising of an EGT indicator, Oil Pressure indicator, Fuel Pressure gauge, Engine Thrust (in %), Tach indicator, Oil Temperature gauge, and Inlet Air Temperature gauge. The built-in safety features of this engine test stand make it suitable for educational use. The engine RPM and thrust are controlled by a mechanical throttle. The control panel contains electrical circuit breaker and switches that are similar to the ones found in aircraft.

Technical Specification :

Thrust: Up to 300 lbs
Fuel: Jet A-1
Ignition System: One, high voltage ignitor
Compressor Type: Single stage centrifugal
Combustion Chamber: Reverse Flow Annular
Engine RPM: 45,000 rpm
Turbine Type: Single stage axial flow.

Laboratory Instrument India

