

Product Name :
Axial Flow Turbine test bed**Product Code :**
EEMECH45M0066ALTEC™**Description :**

Axial Flow Turbine test bed

Technical Specification :

- Single point pivot on engine mounting enables accurate thrust measurement.
- No need for external lubrication system.
- No need for external battery and charger.
- Fully tested for high performance and safety.
- Tough, transparent polycarbonate safety screen.
- An optional floor-standing frame is available to house the unit together with its fuel tank and electronic console.
- The engine has been integrated into a sturdy metal frame that holds it firmly, while enabling accurate measurement of the thrust produced by the engine.
- An electronic preprogrammed controller constantly supervises the engine, ensuring safe operating conditions at all times.
- The engine inlet has been replaced with a custom fabricated frontal duct, to enable the air mass flow rate to be accurately measured.

- Thrust: 200N typical
- Mass flow: 450 g/s
- Ignition system: Glow plug
- Engine rpm: 105,000rpm typical
- Engine mount: Single pivot point
- Dimension: 880 x 510 x 1185 mm
- Weight: 150 kg (approx)
- Exhaust gas temperature: 800°C typical
- Compressor type: Single-stage radial
- Turbine type: Single-stage, low-mass axial flow



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