



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Axial Steam Turbine

**Product Code :**  
LBNY-0005-125000125



#### **Description :**

Axial Steam Turbine  
Steam supply from steam generator  
Sensors and digital indicator for speed, temperature, pressure and flow rate  
Single-stage axial impulse turbine, mounted in corrosion-resistant, sealed ball bearings  
Condenser with water-cooled coiled tube  
Various safety devices for safe operation  
Load on the turbine by eddy current brake.

#### **Technical Specification :**

Single-stage axial impulse turbine  
Max. Inlet pressure: 9bar abs.  
Max. outlet pressure: 1bar abs.  
Max. Speed: 40000min<sup>-1</sup>  
Impeller inner diameter: 54mm

#### **Measuring ranges:**

Pressure  
Differential pressure: 0...50mbar  
Condenser: 0...1,6bar  
Steam inlet: 0...16bar  
Speed: 0...50000min<sup>-1</sup>  
Temperature: 0...400°C

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Cooling water flow rate: 0...720l/h  
Torque: 0...70nm.



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