



Product Code . ILS-ELE-10611

Vortex Tube Test Rig

Description

The Vortex Tube Test Rig is one of the non- conventional methods of cooling which has no moving parts. Through this tube, when air is admitted at high pressure, from one end, hot sir is discharged and from the other end, cold air comes out. The test rig is designed such that all the performance can be evaluated. It requires only source of compressed air. Clear space of 3 m x 2 m. Electrical power point 230 volts, 50 HZ, 1 ph, with 16 amps MCB. The test rig is designed such that all the performance can be evaluated. It requires only source of compressed air. Compressed air supply at 5 bar & 50 CFM.

Specification:-

Material of construction of the vortex tube: M.S. tube With inlet nozzle and diaphragm.

Arrangement for air flow measurement: Provided.

Air flow variation: Valve provided.




Temperature measurement: Digital led display provided.

General arrangement: Integral unit mounted on suitable panel.

Pressure measurement: Dial type pressure gauge provided or manometer.

Supply: Compressed air supply at 10 bar.

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