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Product Name :
Vortex Tube Refrigerator Apparatus

Product Code :
LBNY-0005-1170001



Description :

Vortex Tube Refrigerator Apparatus From compressed air at ambient temperature and a high speed rotating vortex, the unit produces air temperatures down to -20°C , can perform 75 watts of cooling and discharges a hot air stream at up to 70°C .

The Vortex Tube Refrigerator Apparatus is a fully instrumented bench top Vortex Tube Refrigerator Apparatus having no moving parts and requiring only a compressed air or other suitable gas supply to operate.

Technical Specification :

A fully instrumented bench top vortex tube test unit for use with compressed air or other suitable gas.

Experimental Capabilities:

Determination of refrigerant effect and comparison of this with the estimated power needed to drive the compressor.

Demonstration of the ability to produce hot and cold air from a device with no moving parts.

Production of the performance curves for a vortex tube with:

Variation of hot and cold gas ratio

Variation of gas

Variation of Inlet Pressure.

Laboratory Instrument India

