



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Computer Controlled Vortex Tube Refrigerator Unit

**Product Code :**  
LBNY-0005-11200026



#### **Description :**

Main metallic elements in stainless steel.  
Diagram in the front panel with similar distribution to the elements in the real unit.  
Bench-top unit.  
Anodized aluminum frame and panels of painted steel.

#### **Technical Specification :**

The Computer Controlled Vortex Tube Refrigerator Unit includes:  
Pressure regulating filter:  
Purge capacity: 8 cm.  
Maximum pressure: 8 bar.  
Heat exchanger to set the working temperature:  
Refrigeration capacity: 1580 W.  
Computer controlled pressure regulation valve to set the working pressure:  
Maximum pressure: 8 bars.  
Vortex tube:  
Air consumption: 280 l./min.  
Cooling output: 190 W.  
Temperature range: -60°C to 110°C.  
Three vortex generators of 0.3, 0.46 and 0.6 mm diameter.  
Two regulation valves to set the cold fraction.  
Maximum working pressure: 8 bars.  
Four ball valves to select the circuit to be recycled.



**Laboratory Instrument India**