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**Product Name :**  
Thermal Radiation Unit

**Product Code :**  
LBNY-0005-12500043



**Description :**

The intensity of thermal and visible radiation can be adjusted. Colour filters and apertures extend the range of experiments. The measured values are displayed digitally on the measuring unit. The experimental unit contains a blackbody emitter with a thermopile for the investigation of thermal radiation, a light source with luxmeter for illuminance measurements, and absorption plates with thermocouples for the investigation of Kirchhoff's laws. The data acquisition software is included. At the same time, the measured values can also be transmitted directly to a PC via USB.

**Technical Specification :**

Absorption plate and reflection plate fitted with thermocouples to investigate Kirchhoff's laws  
Intensity of thermal radiator and light source adjustable  
Investigating thermal and visible radiation  
Blackbody emitter with thermopile to investigate thermal radiation  
White light source with luxmeter to investigate visible radiation  
Thermocouples to measure the temperature  
Thermopile to measure the radiation capacity  
3 Colour filters with holder (red, green, infrared), aperture  
luxmeter to measure the illuminance.

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# Laboratory Instrument India

