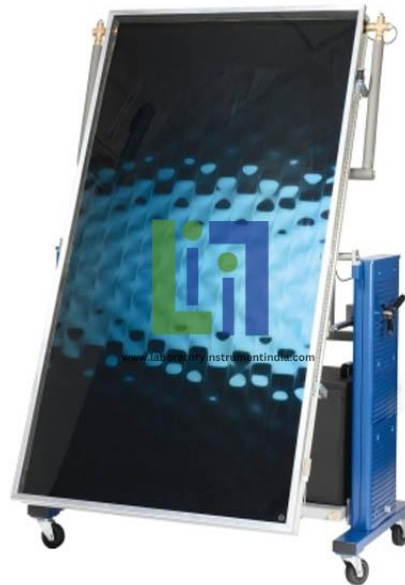




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Water Heating With Flat Collector

**Product Code :**  
LBNY-0005-12500062



**Description :**

Solar circulation station with pump, expansion vessel and safety valve  
Hot water circuit with buffer tank, pump and plate heat exchanger  
Four bimetallic thermometers  
Trainer for investigating the function and operating behaviour of a flat collector  
Solar thermal flat collector with selectively absorbing coating  
Adjustable collector tilt angle  
Data logger with user interface  
Operation with solar radiation  
Solar controller with temperature, flow and illuminance sensors.

**Technical Specification :**

Solar Circuit  
Collector  
Rated throughput: 20...70l/h  
Operating pressure: 1...3bar  
Absorbing surface: 2,3m<sup>2</sup>  
Safety valve 4bar  
Measuring Ranges  
Temperature: 4x 0...120°C  
Flow rate: 20...150l/h.  
Hot Water Circuit  
Buffer tank 70L

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Plate heat exchanger: 3kw, 10 plates.



**Laboratory Instrument India**