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**Product Name :**  
Central Storage Module With Controller

**Product Code :**  
LBNY-0005-125000138



#### **Description :**

Trainer with buffer storage and bivalent storage for experiments with the modular system  
Pressure relief and bleed valves for safe operation  
Circulation pump with differential pressure or speed control  
Heat transfer pipes with quick-release coupling and shut-off valve  
Flow meters and temperature sensors for determining the heat flows  
Freely programmable universal controller with data logger and PC connection via LAN  
Driven 3-way valves  
Two pressure sensors for system monitoring  
Temperature sensors for heat storage and room temperature.

#### **Technical Specification :**

Bivalent Storage  
Number of heat exchangers: 2  
Storage capacity: 200L  
Operating temperature: max. 95°C  
Operating pressure: max. 5bar  
Buffer storage  
Number of heat exchangers: 1  
Storage capacity: 150L  
Operating temperature: max. 95°C  
Operating pressure: max. 5bar  
Pump

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Max. head: 4m  
Max. Flow rate 3m<sup>3</sup>/h  
Universal controller  
Outputs: up to 16 (expandable)  
Inputs: up to 16 (expandable)  
Interfaces: dl bus, can, lan.



**Laboratory Instrument India**