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**Product Name :**  
Heat Transfer In A Tubular Heat Exchanger Apparatus

**Product Code :**  
LBNY-0005-125000143



**Description :**

Heat Transfer In A Tubular Heat Exchanger  
Temperature Controller Controls The Water Inlet Temperature For The Hot Water Circuit  
7 Temperature Sensors With Digital Display And Selector For Temperature Measuring Points  
Process schematic  
Parallel Flow And Counter Flow Operation Adjustable  
Flow Rates Adjustable Using Valves  
Hot Water Circuit With Tank, Heater, Temperature Controller And Pump  
Cold Water Circuit From Laboratory Supply.

**Technical Specification :**

Heat Exchanger  
Length: 600mm  
Tube diameters (t=1mm): D=8mm, D=15mm  
Mean Transfer Area: 0,013m<sup>2</sup>  
Tubes Made Of Cu, Thermal Conductivity K: 384W/Mk  
Pump  
Tank: 6,5L  
Max. Head: 4m  
Max. Flow Rate: 4m<sup>3</sup>/H  
Heater: 3kw, With Thermal Cut-Out  
Power Consumption: 70w  
Measuring Ranges

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Temperature: 0...100°C  
Flow Meter: 20...250l/H.



**Laboratory Instrument India**