



THE LAB EQUIPMENT

Email : [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

Phone: +91-8759245890

**Product Name :**

Parallel and Counter Flow Heat Exchanger

**Product Code :**

SLE/MCE/74





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## Description :

### Features:

- Demonstration of heat transfer under parallel and counter flow.
- Determination of heat transfer coefficient.
- Effects of flow rate and temperature difference.
- Useful for institutions, research laboratories & insulating powder manufactures
- Functions of the software: educational software, data acquisition, system operation.

### Specification:

- **Construction:** 2 sections of insulated concentric stainless steel tubes.
- **Temperatures:** 6 ea.
- **Stirrer:** 0- 500 rpm
- Hot water tank and pump.
- **Heater:** 3000 W.

### Measuring ranges:

- **temperature:** 2x 0...325°C
- **Heating power:** 0...3000W
- **Dimension:** 1200x600x800mm
- **Weight:** 40kg
- **Flow meters:** Hot water and cold water.
- **Temperature control unit:** 1 ea.

### Power Supply Required:

- 230V, 50Hz, 1 phase
- 230V, 60Hz, 1 phase; 120V, 60Hz, 1 phase

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