

**Product Name :**  
Parallel and Counter Flow Heat Exchanger with Data Acquisition

**Product Code :**  
ENGLABINGCAG3300013



**Description :**

Parallel and Counter Flow Heat Exchanger with Data Acquisition

**Technical Specification :**

**FEATURES:**

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

**SPECIFICATION:**

Construction: 2 sections of insulated concentric stainless steel tubes.

Service module consisting of:

Hot water tank and pump.

Heater: 3000 W.

Temperatures: 6 ea.

Flow meters: Hot water and cold water.

Temperature control unit: 1 ea.

Stirrer: 0- 500 rpm

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Measuring ranges :  
Temperature: 2x 0...325°C  
Heating power: 0...3000W



## Engineering Lab Equipment India