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Product Name :
Shell and Tube Heat Exchanger with Data Acquisition

Product Code :
SCHOOL-MAS850015



Description :

Shell and Tube Heat Exchanger with Data Acquisition

Technical Specification :

FEATURES:

Demonstration of plate heat exchanger 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: stain less steel plate type heat exchanger.

Stirrer: 0- 500 rpm

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.

Measuring ranges :

Temperature: 2x 0...325°C

Heating power: 0...3000W

Required for Operation :

230V, 50Hz, 1 phase

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

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