

**Product Name :**  
Isothermal Repeatedly Stirred Tank Reactor

**Product Code :**  
ALABS-A104-107



#### **Description :**

##### **Isothermal Repeatedly Stirred Tank Reactor**

In an excellent CSTR (Le. a great regular state drift reactor) the contents in reactor are neatly combined and have uniform composition all the way through. Hence the exit circulation has the identical composition because the fluid throughout the reactor. This kind of reactor is referred to as combined drift reactor. This set-up is used to review a non-catalytic homogeneous 2nd order liquid segment response below isothermal situation.

The arrange contains two feed tanks by which two reactants are fed to the reactor. Rotameters are equipped to measure the person glide of Chemical substances. The glide charge will also be adjusted through working the needle valves equipped on respective Rotameter. The magnetic force pump is used for circulation of feed. The CSTR is outfitted with stirrer for correct mixing. From high outlet of it samples are accrued for diagnosis. Regular temperature water bathtub association is supplied to behavior the scan at more than a few temperatures.

#### **Experiments**

- Sponification Response find out about in Isothermal CSTR
- To resolve the Response Price Consistent and impact of temperature on it

#### **Utilities Required**

- Water Provide & Drain
- Electrical energy Provide: I Section, 220VAC, 1.5kW.
- Contraptions, Laboratory Glassware and Chemical compounds required for diagnosis as per the machine adopted



## **Equipments Exporters**

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