



STIRRED TANKS IN SERIES

RP 120

Description:

Stirred tanks in series are continuous stirred tank reactors connected in series. They enable a higher conversion than a single stirred tank reactor. Stirred tanks in series enable flexible process control as the temperature and retention time can be set separately for each individual reactor. Presented unit is used for controlling liquid concentration.

Specifications:

- Three transparent stirred tank
- Liquid concentration sensors (EC meter)
- Stirrers
- Pumps and tanks
- Suitable data acquisition system
- Specified software
- Wheeled carbon steel structure
- Piping system with valves and fittings
- Wheeled carbon steel structure
- Installation and training video included
- Instructions manual included
- 10-year warranty

* A laptop or a PC might be required for transferring and reading logged data

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Investigating stirred tanks in series and their response due to different inputs
2. Obtaining liquid concentration response under step function and pulse inputs
3. Study the response of the system to different inputs
4. Determination of the response to a/an impulse, unit step, unit lag inputs

Required For Operation:

- 220V Single Phase Electricity
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%
- A Laptop or a PC For Data Acquisition



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Dimensions (L*W*H) mm:1300×7500×1600

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