



Email: export@electricalelectronics india.com

Product Name:

Isothermal Plug Flow Reactor

Product Code: TWL-CRE-0010



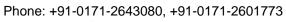
Description:

Isothermal Plug Flow Reactor

Technical Specification:

Specification:-

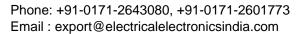
Plug flow reactor is characterized by the fact that the flow of fluid through the reactor is orderly no element of fluid overtaking or mixing with any other element ahead or behind.





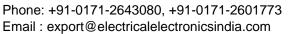
 ${\bf Email: export@electrical electronics in dia.com}$

Experiment:-
To calculate the reaction rate constant k for given reaction in Isothermal Plug flow reactor
To study of Isothermal Plug flows reactor.
To study of isothermal Flug flows reactor.
Experimental Setup:-
Reactor: Material Stainless steel (SS).
Flow Measurement: 2 No. Pre-calibrated Rotameter
Feed Circulation: By Compressed Air
Pressure Regulator : 0-2 kg / cm2





Feed Tank: 2 No. of stainless steel feed tank Pressure Gauge: Bourdon type 0 – 2 kgf / cm2 Stopwatch: Electronic Piping: SS, PVC Product receiver: 1 No. SS tank Setup Mounting: On sturdy MS stand with powder coated Water Bath: Material SS, Double Wall, Insulated with glass Wool Heater: Nichrome wire heater Digital Temp Indicator: 0 - 200 0 C, Indicator cum Controller Temp Sensor: CR /AL Type.





Electrical and Electronics

 $\textbf{Website:} \ www.electricalelectronics india.com, \textbf{Email:} \ export@electricalelectronics india.com$

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, Phone: +91-0171-2643080, 2601773