

Product Name :
Chemical Reactor Teaching Equipment

Product Code :
NLAB-TECHNICALAB37003

Description :

Chemical Reactor Teaching Equipment

Technical Specification :

A self contained bench top service unit designed to provide services for up to five different chemical reactors:

Continuous Stirred Tank Reactor - Tubular Reactor - Transparent Batch Reactor - Plug flow reactor - Laminar Flow reactor

Fully computer controlled and supplied with educational software (32/64 bit) specific to each reactor type. Simple interfacing to the (user supplied) computer by a USB interface

Two peristaltic feed pumps with individually variable flow rates, 0-140 ml/min - Provides PID temperature controlled hot water in order to maintain reactor temperature - Complete with two thermocouples, an input for a third (user) thermocouple and a dual range conductivity sensor - A comprehensive instruction manual is included which details installation and operating procedures

Features:

Compact bench top equipment

Real time reaction monitoring instrumentation, eliminating the inconvenience and inaccuracy of multiple titrations.

Transparent reactors, so the student can see what is happening

Colour tracer experiments possible for some reactor types

Cost effective, up to five reactors share the same service unit.

Computer control and data logging as standard

Safe and student friendly

Five different reactor types available:

Naugralabequipments

Website: www.naugralabequipments.com, **Email:** sales@naugralabequipments.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India. **Phone:** +91-9896600003