

Product Name : Chemical Reactor Teaching Equipment	Product Code : NLAB-TECHNICALAB37003
Description : Chemical Reactor Teaching Equipment	
Technical Specification : <p>A self contained bench top service unit designed to provide services for up to five different chemical reactors:</p> <p>Continuous Stirred Tank Reactor - Tubular Reactor - Transparent Batch Reactor - Plug flow reactor - Laminar Flow reactor</p> <p>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</p> <p>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</p> <p>Features:</p> <p>Compact bench top equipment</p> <p>Real time reaction monitoring instrumentation, eliminating the inconvenience and inaccuracy of multiple titrations.</p> <p>Transparent reactors, so the student can see what is happening</p> <p>Colour tracer experiments possible for some reactor types</p> <p>Cost effective, up to five reactors share the same service unit.</p> <p>Computer control and data logging as standard</p> <p>Safe and student friendly</p>	

Five different reactor types available:

Naugralabequipments

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