

**Product Name :**  
Chemical Reactor Teaching Equipment**Product Code :**  
ALABS-A174-019ALTEC™**Description :****Chemical Reactor Teaching Equipment**

- 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:
  - Continuous stirred tank reactor
  - Tubular reactor
  - Batch reactor
  - Plug flow reactor
  - Laminar flow reactor



## Equipments Exporters

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