

Product Code . SEL-EELE-11275

Batch Enzyme Reactor

Description

Batch Enzyme Reactor

A temperature sensor and heater mounted in the reactor vessel and linked to a PID controller for accurate reaction temperature control. Sensor signals are routed to the I/O port for connection to a PC. A polarimeter device measuring optical transmission and angle of rotation. Protection devices for all electrical circuits. Three displays: PID temperature control (reactor temperature), a display for the angle of rotation, a display for optical transmission or temperature at polarimeter. The unit is used to demonstrate batch enzyme kinetics and enzyme characteristics. This is a reactor system specially designed to perform batch enzyme reaction utilizing the glucose isomerization reaction catalyzed by glucose isomerase.




It consists of a bench-top unit onto which is mounted a reactor vessel in which the glucose isomerase-mediated reaction takes place. The reactor itself is made of clear acrylic, which gives good visibility. A cruciform geometry impeller constructed from stainless steel mesh retains the immobilized enzyme whilst allowing efficient mixing with the liquid reactant.

We are leading manufacturers, suppliers of Batch Enzyme Reactor for Electronics Engineering Lab Equipments. Contact us to get high quality Batch Enzyme Reactor for Electronics Engineering Lab Equipments for schools, colleges, universities, research labs, laboratories and various industries.

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