Product name:	Product code:
Immobilised Enzyme Reactor Apparatus	CMI-NP-0290



Description

A packed bed column reactor with enzyme immobilised on beads for studying reaction rate with flow. Used in enzyme technology teaching. Features include jacketed glass column, peristaltic pump and water bath circulation.

Technical specification

Sampling	Two ports
Frame	Stainless steel
Supply	230 V AC 50 Hz

Standard Accessories

- Enzyme beads
- Tubing

Substrate solution is pumped through a jacketed column packed with immobilised enzyme beads and the product concentration is measured. The effect of flow rate on conversion is studied.

Features

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- Jacketed glass column
- Peristaltic pump
- Water bath circulation
- Sample ports
- Used for conversion versus flow study

Technical Specifications

Column	Glass, 25 mm x 300 mm
Pump	Peristaltic 0 to 50 ml per min
Temperature	Ambient to 60 deg C
Packing	Immobilised enzyme beads
Bath	Circulating