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Product Name :
Fixed Bed Adsorption Unit

Product Code :
LBNY-0005-1100004



Description :

The hot water circulator system connected to the column jacket enables automatic control of temperature adsorption to a set point value.

A benchtop unit comprising a vacuum formed ABS plastic plinth with integral electrical console onto which is mounted the stainless steel, packed fixed bed adsorption column, hot water circulation system and infrared detector.

Gas feed flow rate can be controlled between 0 and 5 l/min.

Technical Specification :

The bed adsorption column has the following specifications:

Stainless steel jacket for temperature control

Gas distribution plate at entry to column

Height 325 mm, diameter 58 mm

All electrical circuits are protected by appropriate safety devices.

The control console incorporates an electronic display: PID controller display, including the set point temperature.

Bed of glass beads for good gas distribution and maintenance of steady state temperature

Six thermocouples spaced evenly along the length of the column

USB interface and sophisticated data logging software are included.

Laboratory Instrument India

