Product name:	Product code:
Fixed Bed Adsorption Unit	CIVIL-APB-178-0001

Description

Fixed Bed Adsorption Unit

Technical specification

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.
The hot water circulator system connected to the column jacket allows automatic control of temperature adsorption to a set point value.
Gas feed flow rate can be controlled between 0 and 5 l/min.
The Bed Adsorption column has the following specifications:
Height 325 mm, diameter 58 mm
Stainless steel jacket for temperature control
Gas distribution plate at entry to column
Bed of glass beads for good gas distribution and maintenance of steady-state temperature
Six thermocouples spaced evenly along the length of the column
All electrical circuits are protected by appropriate safety devices.
The control console incorporates an electronic display: PID controller display, including the set-point temperature.
USB interface and sophisticated data logging software are included.

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