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**Product Name:** 

Gas Absorption Column Apparatus

Product Code: LBNY-0005-11000015



## **Description:**

Column working length is 1.4m x 80mm diameter, split into two sections.

An apparatus for teaching the principles of the absorption of gas into liquid, using a packed column.

Water flow can be used in either recycle or one-pass operation.

Column supplied with 10mm x 10mm Raschig rings as packing material, total volume 7 liters.

Two electronic pressure sensors measure the pressure drop across each half of the column.

An electronically controlled submersible pump provides a liquid flow of 1-10 l/min.

60l feed tank.

Electronic measurement of CO2 concentration in the air streams, measurements can be taken at the column inlet and outlet.

Sensor values displayed on an alpha-numeric display on the control console.

Centrifugal fan provides air flow up to 160 l/min.

Two electronic temperature sensors measure the air and liquid temperatures.

## **Technical Specification:**

Gas Absorption Column Apparatus



## **Laboratory Instrument India**