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Science Lab

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Product Name :

Spirometer

Product Code :

SLE/BL/044



Description :

The Spirometer can be used for investigating tidal volumes, respiratory rate, pulmonary ventilation, reserve volumes and vital capacity.

A simple lever control enables the subject to be connected either to atmosphere or to the float for recording.

A container for soda lime crystals is fitted which can be used to absorb carbon dioxide.

Oxygen consumption can also be measured which is useful in metabolic studies.

The spirometer is designed to offer minimum resistance to airflow.

This means greater comfort for the subject and more realistic results.

The tank is one-piece stainless steel pressing

housed in a durable painted outer case.

The float is constructed from lightweight plastic.

The float is calibrated 0 to 7 x 0.5 litres and has a metal counterpoise.

The pen arm corresponds to approximately 0.5 litres.

The two corrugated breathing hoses 0.8m long are provided with two mouthpieces and a nose clip.

A Kymograph or Datalogger system is required to record results.

Soda lime crystals are not supplied.

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