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Pneumatic Trough

Sku : GE6664



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Description

A pneumatic trough is a lab tool used to combine gases and liquids in chemical investigations. It is a shallow, cylinder-shaped container with a gas intake and an air-powered stirrer. By mixing the contents and encouraging the movement of gases from the liquid to the gas phase, the compressed air produces a stream of bubbles that rise through the liquid in the trough.

In chemical synthesis, pneumatic troughs are frequently employed, particularly in the production of gases like oxygen and chlorine and in the investigation of gas-liquid interactions. The concentration of gases in water samples is also measured using them in environmental chemistry.