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Product Name :
Osborne Reynolds Demonstration

Product Code :
LBNY-0002-710028



Description :

Osborne Reynolds Demonstration

Technical Specification :

Osborne Reynolds' Demonstration

The Osborne Reynolds Demonstration Unit, allows the study of the laminar, transitional and turbulent regime of a liquid by associating them with the respective Reynolds variable.

The Osborne Reynolds experiment is used to display laminar and turbulent flows. During the experiment it is possible to observe the transition from laminar to turbulent flow after a limiting velocity. The Reynolds number is used to assess whether a flow is laminar or turbulent.

With the streamlines during laminar or turbulent flow are displayed in colour with the aid of an injected contrast medium (ink). The experimental results can be used to determine the critical Reynolds number.

Specifications:

Visualization of laminar and turbulent flow in the Osborne Reynolds experiment.

Water as flowing medium and ink as contrast medium.

Vertical glass pipe section.

Water tank with glass beads to stabilize the flow.

Flow rate in the pipe section can be adjusted via a valve.

Flow rate determined by base module.

Osborne Reynolds Demonstration, Osborne Reynolds Demonstration Equipments, Osborne Reynolds Demonstration Tools, Osborne Reynolds Demonstration Tool Kits, Osborne Reynolds Demonstration

Manufacturers, Osborne Reynolds Demonstration Suppliers from India, China, Kenya



Laboratory Instrument India