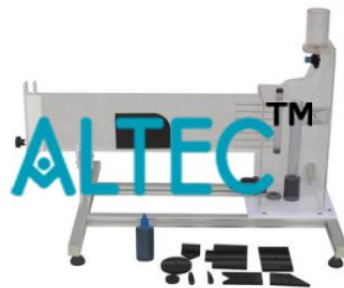


Product Name :
Visualisation of Streamlines**Product Code :**
FUDE0002**Description :**

Visualisation of Streamlines

Technical Specification :

- visualisation of streamlines
- ink as a contrast medium
- various models included: drag bodies and changes in cross-section
- sources and sinks, individually or in combination

The laminar, two-dimensional flow in MR-HM 150.10 is a good approximation of the flow of ideal fluids: the potential flow.

MR-HM 150.10 can be used to visualize streamline fields for flows around drag bodies and flow through changes in cross-section. The streamlines are displayed in colour by injecting a contrast medium (ink). Sources and sinks are generated via four water connections in the bottom plate. The streamlines can be clearly observed through the glass plate during flow around and flow through.

The water flow rate and the quantity of contrast medium injected can be adjusted by valves. The water connections are also activated by valves and can be combined as required. Individual models can be cut out of a rubber plate that is included.

The experimental unit is positioned easily and securely on the work surface of the MR-HM 150 base module.

The water is supplied by MR-HM 150. Alternatively, the experimental unit can be operated by the laboratory supply.



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