

Product Name :
Hydrogen Bubble Flow Visualisation System

Product Code :
Fluid00015



Description :

Hydrogen Bubble Flow Visualisation System

Technical Specification :

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Specification:

- A bench mounted, compact, self-contained unit utilized for flow visualisation studies utilizing water as the working fluid.
- The unit comprises a flow tank incorporating the working section and pumped recirculation system, plus a separate electronic control console.
- A low voltage variable speed pump with a unique fluid-drive unit is located under the working section.
- The electronic control console incorporates manual controls and a 4 line, 20 digit LCD that displays the relevant operating parameters.
- Flow patterns in the water are indicated by small hydrogen bubbles that are generated by an interchangeable fine platinum/ iridium wire cathode.
- The following models, supplied for flow visualization studies, are made of clear polished acrylic and supplied in a protective container:
 - One pair 330mm long straight guides
 - One pair spacer blocks for straight guides (grey PVC)
 - One pair blocks with radiused ends
 - Four cylinders 6mm, 12mm, 19mm and 25mm diameter
 - One aerofoil section
 - One flat plate with radiused end
 - One rectangular block 70mm x 40mm x 25mm
 - One curved plate
 - A toolkit is supplied

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