

Product Name :
Hydrogen Bubble Display System

Product Code :
NLAB-EDUCATIONTVET14012



Description :

Hydrogen Bubble Display System Engineering Equipments

Technical Specification :

Allows visualization of complex flows associated with water flows after solid objects or boundaries

Delivered with a pair of straight guide 330 mm, a pair of spacers, a pair of blocks with rounded edges, 4 cylinders (diam. 6, 12, 19 and 25 mm), a wing profile, a flat plate with rounded edge, rectangular block, curved plate

Lets show:

2D flows

flow around standard shapes (cylinder, wing profile)

the analogy with aerodynamic flows

laminar and turbulent flows

boundary layer growth

separation of the boundary layer and formation of vortices

quantitative analysis of flow maps using pulsed bubbles

observing flows around user-created models

recording and presentation of large flow maps using the optional camera accessory with Firewire interface

Naugralabequipments

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