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Product Name :
Orifice Discharge

Product Code :
LBNY-0005-103000302



Description :

The Orifice Discharge accessory consists of a cylindrical glass tank which has an orifice fitted in the base. A traverse assembly is provided which enables a pitot tube to be positioned anywhere in the jet. These are supplied in an attractive storage case. A label inside the lid gives dimensional details of each orifice. The pitot head and the total head across the orifice are shown on manometer tubes adjacent to the tank. In addition to the standard orifice, supply includes four additional orifices. Attached to this pitot tube is a sharp blade which can be traversed across the jet to accurately measure the jet diameter and the vena contracta diameter and so determine the contraction coefficient.

Technical Specification :

Pitot tube and knife edge to measure jet velocity and diameter
Quick release fitting for easy connection to hydraulics bench
Cylindrical glass tank with orifice fitted in base
Four interchangeable orifices
Educational Software available as an option.



Laboratory Instrument India

