



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Fluid Science Manometer Inclined

**Product Code :**  
LBNY-0005-2030002



#### **Description :**

The experiments are supplied with a highly visual user-friendly operational guide, allowing the students to understand the theory of the subject by the application of practical experimentation. The high precision elements are supplied as modular tray-based systems which operate in conjunction with the Fluid Science service unit, multifunctional work panel and instrumentation enabling the student to conduct their own individual or group experiments. The Fluid Science Inclined Manometer tray includes experiments to measure small pressure differences and the effect of change in manometer inclination. The tray additionally includes a stepped manometer that incorporates changes in cross section to demonstrate that the level of a free surface is not affected by the size or the shape of the tube. The Fluid range is an innovative suite of products designed to enable students to gain an understanding of the fundamentals of Fluid Mechanics and Thermo Fluids by the process of learning via hands-on experimentation.

#### **Technical Specification :**

Screen printed scale for measuring water height in manometer tubes  
Tube structure acrylic  
Angle of inclination: 15° from vertical.  
Plain vertical tube and inclined tube: 6mm ID  
Stepped tube goes: 6mm ID to 14mm ID to 6mm ID

#### **Features:**

Fully mobile solution  
Quick connect couplings for easy connection to experiment modules, self-sealing on supply unit to minimise

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water loss

Digital manometer and thermometer provided with service unit

Each service unit can be used as either a hot or cold-water supply

Low voltage within the supply unit to protect users

**Benefits:**

Designed to be highly visual and simple to use

Quick setup

Suitable for both classroom, laboratory and mobile environments

Applied student learning via experimentation

Toolless assembly

Common service unit can be used for either hot or cold-water supply.



**Laboratory Instrument India**