

Product Name :
Fluid Statics and Manometry**Product Code :**
ALABS-A104-523**Description :****Fluid Statics and Manometry**

- Demonstrates the basic principles of hydrostatics and manometry
- Includes vertical tube with variable cross section, Scale length 460 mm
- Includes demonstrations of the following types of manometer:
 - Single piezometer manometer tube, Scale length 460 mm
 - Inclined manometer with inclinations of 5°, 30°, 60° and 90° (vertical)
 - Enlarged limb-manometer
 - 'U' tube manometer (air over liquid), Scale length 460 mm
 - 'U' tube manometer (liquid over liquid), Scale length 460 mm
 - Inverted pressurized 'U' tube manometer, Scale length 460 mm

- Level measurement using Vernier hook and point gauge, Range 0 to 150 mm with 0.1 mm resolution
- Allows the effect of friction to be demonstrated when fluid is in motion

Technical Details:

Name

Scale depth inside reservoir:

Scale diameter of reservoir:

Scale length of manometer tubes:

Material tubes incorporated:

2x Vertical parallel tubes

1x Vertical tube with varying cross section

1x Vertical tube with pivot allowing operation at three different inclinations



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