

**Product Name :**  
Fluid Friction Measurement**Product Code :**  
ALABS-A104-550**Description :****Fluid Friction Measurement**

A unit for the detailed study of fluid friction head losses which occur when an incompressible fluid flows through pipes, fittings and flow metering devices.

- A substantial floor standing tubular steel frame supports test circuits comprising:
  - 4 smooth-bore pipes of different diameters ranging from 4.5mm I.D. to 17.2mm I.D.
  - artificially roughened pipe
  - 90° bends (large & small radii)
  - 90° elbow
  - 90° mitre
  - 45° elbow, 45° Y, 90° T
  - sudden enlargement

- sudden contraction
  - gate valve
  - globe valve
  - ball valve
  - inline strainer
  - perspex Venturi
  - perspex orifice meter
  - perspex pipe section with a Pitot tube & static tapping
  - 38 tapping points
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- Suitable for studying Reynolds' numbers from 103 to nearly 105
  - A system of isolating valves, quick release manometer connection valves and self-sealing pressure tapplings ensure fast accurate results
  - Data logging accessory available
  - Computer aided learning program available
  - A user instruction manual provides installation, commissioning and maintenance data, together with student exercises.



## Equipments Exporters

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