

Product Name :
Pipe Network Apparatus**Product Code :**
ALABS-A43-066ALTEC™**Description :****Pipe Network Apparatus**

- Specifically designed to allow the setting up of a wide range of different pipe arrays (networks)
- Pipe network mounted on freestanding support frame for use alongside Hydraulics Bench
- Clear acrylic test pipes are all 0.7 m long with inside diameters of 1x 6mm, 2x 9mm, 1x 10mm, 1x 14mm
- Differential pressure measurements obtained using a hand-held electronic pressure meter with self-sealing quick-release connections to the pipe network
- Flows into and out from the appropriate network can be varied individually
- Educational software as an option

Description:

The permanent arrangement of PVC pipes and fittings is mounted on a freestanding support frame that is designed to stand alongside Hydraulics Bench in use.

Isolating valves allow a wide range of different series, parallel and mixed pipe configurations to be created without draining the system. Flow into the network and flow out from the network at each outlet can be individually varied to change the characteristics of the system.

All clear acrylic test pipes are installed using threaded unions with 'O' ring seals that allow the pipes with different diameters to be repositioned without the use of tools.

Self-sealing quick release fittings at strategic points in the network allow rapid connection of the digital hand-held pressure meter, allowing appropriate differential pressures to be measured. Flow leaving any of the outlets in the network is measured using the volumetric facility incorporated on the Hydraulics Bench.

Technical Details:

Inside diameter of pipes: 14mm (1x) 10mm (1x) 9mm (2x) 6mm (1x) Differential pressure measurement: Digital pressure meter



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