



**Product Code . SEL-EELE-11245**

## Permeability and Fluidisation Studies Apparatus

### Description

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#### Permeability and Fluidisation Studies Apparatus

The rate of flow is indicated by a variable area meter. Pressure drop across the bed can be measured either by a 0.5m length water differential manometer or a 0.5m length Mercury manometer (see recommended accessories), depending on the magnitude. The test section tube and all tubing connections are transparent so that operation can be observed and the presence of air bubbles easily detected. Valves are fitted for isolation of various parts of the circuit, together with air release valves. All metal fittings are corrosion resistant. No power connections are required and the whole apparatus can be lifted and transported by one person. Flow from a laboratory tap passes through a constant head tank, which also allows air bubbles to be released, and is controlled by hand with a needle valve.

#### Technical Details:-

- Sample tube length: 507mm.
- Sample tube I/D: 38mm.

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## Flow Meter Range:-



- 0.5m water differential manometer.
- 0.5m Mercury manometer.
- 50-800ml/min.

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