



THE LAB EQUIPMENT

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Product Name :

Constant Head permeability apparatus

Product Code :

SLE/CE/59



Description :

Specification:

- The constant head method is particularly suitable for relatively coarse grained soil such as sands and gravel.
- The cylinder has pressure points at different levels, which have to be connected to the manometer stand and to the constant level tank.
- For fine grained soils such as clay-like or silty soils see Falling head permeability apparatus.
- The apparatus consists of a Perspex permeability cell mounted on a detachable aluminium base and head.
- Two models available: 75 and 114 mm cell nominal diameter.
- The maximum particle size of the soil which can be tested in the mould is 10mm.
- This test is recommended for soils with co-efficient permeability in the range of 0-10⁻³ to 10⁻⁷ cm/sec.
- The apparatus is used for the laboratory determination of permeability of soil using a constant or a variable head

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