

**Product Name :**  
Permeability Apparatus

**Product Code :**  
Soil Testing0023

LAB ENGINEERING

**Description :**

Permeability Apparatus

**Technical Specification :**

One of the durability tests of concrete is to determine permeability of water through specimen. Permeability apparatus is used for determining the permeability of cement mortar and concrete specimens of 15cm cubic cast in the laboratory.

Specifications:

The concrete permeability apparatus comprises of a galvanized coil of square cross section mounted on a stand and a pressure chamber is connected to the coil through copper tubing and T connector mounted on the stand with valves packed valve and rubber hose pipe with end connectors. The coil assembly consists of one base plate, one metal funnel and one top plate. The pressure chamber is fitted with a pressure regulator which helps in regulating the pressure from 0-15kg/cm<sup>2</sup> gauge is for indicating the pressure in the coil. A hot pump and a pressure tube is supplied to develop pressure in the chamber. The apparatus is supplied with a measuring cylinder 500 cc to measure permeated quantity of water.

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