

Falling Head Permeability Apparatus

DESCRIPTION:

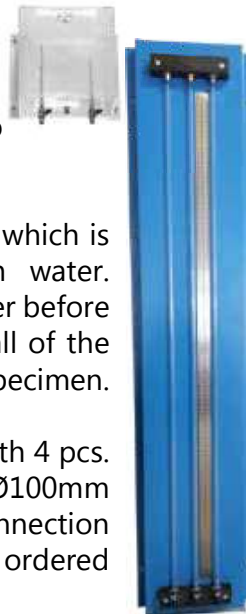
The Falling Head Permeameter apparatus is used to determine the permeability of clay-like or silty soils.

The specimen is confined within the permeameter which is connected to the manometer tube filled with water. The sample must be completely saturated with water before the test, and the operator will check the rate of fall of the water in the tube passing through the test specimen.

Falling Head Permeability Set consists of a stand with 4 pcs. manometer tubes with connection valves, a Ø100mm permeability cell, soaking reservoir tank and connection hoses. (Water De-Airing equipment should be ordered separately.)

TECHNICAL SPECIFICATIONS:

	Dimensions	Weight
Falling Head Permeability Cell 100 mm dia.	150x150x260 mm	3 kg
Wooden Stand with 4 Manometer Tubes	230x100x1700 mm	6.6 kg
Soaking Reservoir Tank	320x320x250 mm	3.6 kg



ORDERING:

SL 0736

Falling Head Permeability Apparatus

SL 0737

Water De-Airing equipment

ACCESSORIES:

SL 0736-1

Stand with 4 pcs. manometer tubes with connection valves

SL 0736-2

Ø100mm Permeability Cell

SL 0736-3

Soaking Reservoir Tank

SL 0736-4

Connection Hoses



Constant Head Permeameter Apparatus

BS 1377:5; ASTM D2434; AASHTO T215

DESCRIPTION:

The Constant Head Permeameter apparatus is used for testing the permeability of granular soils (sand and gravels).

The specimen is formed in a permeability cell and water is passed through it from a constant level tank. Take off point located along the sides of the permeability cell are connected to three manometer tubes mounted on a panel complete with a meter scale.

Water passing through the specimen is collected and measured, either for a specific quantity or over a while. The reduction of the head is noted from the variation of water level in the manometer tubes.

Constant Head Permeability Set consists of an 80 mm dia. constant head permeability cell, wooden stand with 3 pcs. manometer tubes, constant level tank, and 3m connection hoses. (Water De-Airing equipment and tamping rod should be ordered separately.)

Constant Head Permeability Set consists of a 120 mm dia. constant head permeability cell, wooden stand with 3 pcs. manometer tubes, constant level tank, and 3m connection hoses. (Water De-Airing equipment and tamping rod should be ordered separately.)

TECHNICAL SPECIFICATIONS:

	Dimensions	Weight
Wooden Stand with 3 Manometer Tubes	220x70x1700 mm	5.6 kg
Constant Level Water Tank	300x200x250 mm	3 kg
Tamping Rod	Ø 8x300 mm	0.5 kg



ORDERING:

SL 0738

Constant head permeability for 80mm dia cell

SL 0739

Constant head permeability for 120mm dia cell

SL 0740

Water De-Airing equipment

ACCESSORIES:

SL 0738-1

Wooden Stand with 3 pcs. Manometer Tubes

SL 0738-2

Manometer Tubes

SL 0738-3

Constant Level Tank

SL 0738-4

Connection Hoses 3m