

**Product Name :**  
Cement Mortar and Concrete Permeability Apparatus

**Product Code :**  
CHINAELABC2680101



#### Description :

Permeability - Cement Mortar and Concrete Permeability Apparatus (100 mm dia single Cell model), Cement Mortar and Concrete Permeability Apparatus (100 mm dia Single Cell Model), Cement Mortar and Concrete Permeability Apparatus (100 mm dia Three Cell Model), Cement Mortar and Concrete Permeability Apparatus (100 mm dia Three Cell Model), Cement Mortar and Concrete Permeability Apparatus (150 mm dia Single Cell Model), Cement Mortar and Concrete Permeability Apparatus (150 mm dia Single Cell Model), Cement Mortar and Concrete Permeability Apparatus (150 mm dia Three Cell Model), Cement Mortar and Concrete Permeability Apparatus (150 mm dia, Three Cell Model), Cement Mortar and Concrete Permeability Apparatus (300 mm dia, Single Cell Model), Cement Mortar and Concrete Permeability Apparatus (300 mm dia, Single Cell Model ), Cement Mortar and Concrete Permeability Apparatus (300 mm dia, Three Cell Model ), Cement Mortar and Concrete Permeability Apparatus (300 mm dia Three Cell Model)

#### Technical Specification :

Suitable for determination of permeability of cement mortar and concrete specimens of 100 mm diameter and 100 mm high, either cast in the laboratory or obtained by cutting out cores from existing structure.

The equipment comprises the following :-

One permeability cell for 100 mm dia specimens consisting of a metal cylinder with a ledge at the bottom and flange at the top, one removable cover plate and a funnel. An air bleed valve is provided on the cover plate. Made of gun metal.

A control panel fitted with a water reservoir, graduated glass tube, an inlet valve, pressure regulator, pressure gauge 0-15 kg sq.cm, an air bleed valve, a drain cock for water reservoir and a shut-off valve for the permeability cell.

One glass bottle to collect the percolated water

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But with cell made of steel.

It consists of three sets mounted on a single control panel for testing independently three specimens of 100 mm dia x 100 mm high.

The equipment consists of the following :-

Three permeability cells for 100 mm dia specimens. Each cell consists of a metal cylinder with a ledge at the bottom and flange at the top, one removable cover plate and a funnel. Made of gun metal.

A control panel with three independent control circuits for three permeability cells, each control circuit consisting of a water reservoir, graduated gauge, glass tube, air inlet valve, pressure regulator, pressure gauge 0-15 kg/sq. cm, an air bleed valve, a drain cock for water reservoir

and a shut-off valve for the permeability cell. A common air inlet for the three units is provided for connecting to the air compressor.

One glass/plastic bottle to collect the percolated water are also supplied.

(100 mm dia Three Cell ) but with cells made of steel.

The apparatus but provided with a permeability cell for 150 mm dia x 150 mm high specimen.

The equipment comprises the following :-

One Permeability Cell for 150 mm dia specimens consisting of a metal cylinder with a ledge at the bottom and flange at the top, one removable cover plate and a funnel. An air bleed valve is provided on the cover plate.

Made of gun metal.

A control panel fitted with a water reservoir, graduated glass tube, an inlet valve, pressure regulator, pressure gauge 0-15 kg/sq cm, an air bleed valve, a drain cock for water reservoir and a shut-off valve for the permeability cell.

One glass bottle to collect the percolated water.

but with steel cell.

It consists of three sets mounted on a single control panel for testing independently three specimens of 150 mm dia x 150 mm high. The equipment consists of the following :-

Three permeability cells for 150 mm dia specimens. Each cell consists of a metal cylinder with a ledge at the bottom

and flange at the top, one removable cover plate and a funnel. Made of gun metal.

A control panel with three independent control circuits for three permeability cells, each control circuits consisting of a water reservoir, graduated gauge, glass tube, air inlet valve, pressure regulator, pressure gauge 0-15 kg/sq. cm., an air bleed valve, a drain cock for water reservoir and a shut-off valve for the permeability cell. A common

air inlet for the three units is provided for connecting to the air compressor.

Three glass/plastic bottle to collect the percolated water are also supplied.

The apparatus but provided with a permeability cell for 300 mm dia x 300 mm high specimen.

The equipment comprise the following :-

One permeability cell consisting of a metal cylinder with a ledge at the bottom and flange at the top, one removable cover plate and a funnel.

An air bleed valve is provided on the cover plate. Made of gun metal.

A control panel fitted with a water reservoir, graduated glass tube, an inlet valve, pressure regulator, pressure gauge 0-15 kf/sq. cm an air bleed valve, a drain cock for water reservoir and a shut-off valve for the permeability cell.

One glass bottle to collect the percolated water.

It consists of three sets mounted on a single control panel for testing independently three specimens of 300 mm dia x 300 mm high.

The equipment consists of the following :-

Three permeability cells for 300 mm dia specimens.

Each cell consists of a metal cylinder with a ledge at the bottom and flange at the top, one removable cover plate and a funnel. Made of gun metal.

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a control panel with three independent control circuits for three permeability cells, each control circuit consisting of a water reservoir, graduated gauge, glass tube, air inlet valve, pressure regulator, pressure gauge 0-15 kg/sq.cm, an air bleed valve, a drain cock for water reservoir and a shut-off valve for the permeability cell. A common air inlet for the three units.

Three glass bottles to collect the percolated water are also supplied.



**Engineering Lab China**