

# BLAINE AIR-PERMEABILITY APPARATUS

Code : C035



- Used to determine the fineness of hydraulic cement, using the Blaine air-permeability apparatus, in terms of the specific surface expressed as total surface area in square centimeters per gram, or square meters per kilogram, of cement.

## **STANDARDS**

ASTM C204

## **TECHNICAL SPECIFICATIONS**

- U-Tube glass manometer with valve
  - The top of one arm of the manometer forms an airtight connection with the permeability cell. The manometer arm connected to the permeability cell has a midpoint line etched

around the tube. The manometer shall be mounted firmly and in such a manner that the arms are vertical.

- Filter paper - Pack of 100
  - Circular, with smooth edges, and having the same diameter as the inside of the cell.
  - Stainless Steel Cell
  - Made of stainless steel
  - The top of the cell shall be at right angles to the principal axis of the cell. The lower portion of the cell must be able to form an airtight fit with the upper end of the manometer, so that there is no air leakage between the contacting surfaces.
- Plunger
  - Made of stainless steel
- Perforated Disk
  - Made of noncorroding metal
  - Thickness : 0.9 mm in
  - Perforated with 30 to 40 holes, each Ø 1 mm, equally distributed

### **SET**

- U-Tube glass manometer with valve
- Filter paper - Pack of 100
- Stand
- Stainless Steel Cell & Plunger
- Rubber Aspirator Bulb
- Manometer Liquid
- Perforated disc: 0.9 mm (30-40 holes, each Ø 1 mm)

## **ORDERING INFORMATION**

Item	Code
BLAINE AIR-PERMEABILITY APPARATUS	C 035 H00X H
FILTER PAPER for C-035	C 035 P001 H
U-TUBE GLASS MANOMETER for C-035	C 035 P002 H
DIGITAL BLAINE AIR-PERMEABILITY APPARATUS	C 035 A00X U

## **OTHER PHOTOS**

