



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

BLAIN AIR PERMEABILITY APPARATUS - ISI MARKED- EIE MAKE- WITH ACCESSORIES



"Air Permeability apparatus (Blaine type) As per ISI certification mark IS:5516"

Compliance Standards:

IS 1727, IS 4031, IS 4825, ASTM C204

Applications:

Variable Flow Type Air Permeability Apparatus (Blaine Type): It is used for determination of fineness of cements, pozzolanas and other powdery materials in terms of specific surface, which is expressed as total surface area in square centimeters per gram of the material under test.

Apparatus Details:

The apparatus comprises following parts and accessories

1. Standard permeability cell made of brass, 12.5 mm inside diameter with one perforated metal disc and one plunger
2. A U-Tube glass manometer with rubber coupling for permeability cell, mounted on a wooden stand.
3. Latex rubber tubing, 20 cm long
4. 12 Nos filter paper discs, No. 40 whatman
5. 200 ml Dibutylphthalate liquid
6. Non perforated disc
7. Suction Bulb
8. Rubber coupling

The Other Equipment's required for the Test are

1. Electronic Balance 200gm Capacity X 0.001 gm accuracy
2. Temp. and Humidity Controlled room
3. Standard Weight Box 500gm to 1 mg
4. Pycnometer
5. Mercury of Reagent Grade
6. Reference Cement of known specific surface
7. Filter Paper of 12.7mm dia (WHATMAN Grade 40 or equivalent)
8. Stop Watch

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