

## **BLAINE AIR PERMEABILITY**

### **BE 33**

The Blaine air permeability apparatus measures the particle size of powders like Portland cement and limes by determining their specific surface area, expressed in  $\text{cm}^2/\text{g}$  or  $\text{m}^2/\text{kg}$ . It complies with EN 196-6 and ASTM C204 standards, offering greater accuracy and precision than manual methods. Calibration requires a standard reference material, such as NIST 114q, and tests should be conducted in a temperature-controlled environment for optimal results.

It's two type available, One type is Manual and One type is fully Automatic.

### **STANDARD FOLLOWING**

IS 1727, 4031, IS 5516, ASTM C204, BS 4359 Part 2, AASHTO T153

### **DISCRIPTION**

BE 33-01	Permeability Cell, 12.5 mm ID
BE 33-02	'U' Tube Manometer, mounted on stand
BE 33-03	Perforated Metal Disc
BE 33-04	Plunger
BE 33-05	Rubber Stopper
BE 33-06	Rubber Tube, 20 cm long
BE 33-07	Filter Paper Discs (Twelve Nos.)
BE 33-08	Dibutylphthalate Liquid, 100 ml bottle
BE 33-09	Punch
BE 33-10	Non Perforated Disc
BE 33-11	Suction Bulb
<b>BE 33-A</b>	<b>FULLY AUTOMATIC TYPE</b>

### **AUTOMATIC BLAINE AIR PERMEABILITY**



**BE 33-A**

