

AIR PERMEABILITY APPARATUS - BLAIN'S TYPE

As Per IS 1727 - 1967; IS 5516 - 1996 and IS 4031 (Part II) - 1999.
To determine the fineness of cement in terms of specific surface expressed as total surface area in cm^2/gm of cement. This is a various flow type air permeameter.

AIC-APB-125. AIR PERMEABILITY APPARATUS BLAIN'S TYPE.

Comprises one each of Permeability Cell of 12.5mm internal dia, 'U' Tube Manometer with Stop Cock mounted on a Sunmica Wooden Stand, Perforated Metal Disc, Plunger, Rubber Stopper, Rubber Tube of 30cm long with Rubber Bulb, Packet of 12 filter paper discs and a bottle of Dibutylphthalate Liquid 100cc.



OPTIONAL ACCESSORIES

AIC-SWM-010 STOP WATCH - MECHANICAL. 1/10th SECONDS ACCURACY.

AIC-SWD-100R STOP WATCH - DIGITAL. 1/100th SECONDS ACCURACY.



VIBRATING MACHINE. MORTAR CUBE VIBRATOR

As Per IS 10080 -1982 & IS 4031(Part VI) - 1988.
Used to vibrate mortar cube mould.

Consists of a frame mounted on coil spring to carry the cube mould and a revolving shaft provided with an eccentric.

By means of a balance weight beneath the base plate attached rigidly to the frame, the center of gravity of the whole machine, including the cube and mould, is brought either to the eccentric shaft or within a distance of 25mm below it. Normal running speed of eccentric shaft is $12,000 \pm 400$ rpm.

Fitted with BELT GUARD. The motor driven by an endless belt running on a crowned pulley on the vibrating machine.

Suitable for operation on 230 Volts, Single Phase, AC supply.

AIC-CVM-MT05. VIBRATING MACHINE. WITH MECHANICAL TIMER.

Complete with built-in Mechanical Timer having range from 0 to 5 minutes.

AIC-CVM-DT60. VIBRATING MACHINE. WITH DIGITAL TIMER.

Complete with built-in Digital Timer having range up from 0 to 99.59 minutes.

OPTIONAL ACCESSORIES.

AIC-PKR-1225150. POKING ROD.

This poking rod is 150 -175mm long and have cross section 12x25mm with tamping face in the form of blunt torpedo.

