

AIR ENTRAINMENT METER

As Per IS 1199 - 1959 & IS 9799 - 1981.

Used to determine air entrained in freshly mixed concrete by pressure method.

Consist of a pressure tight flanged cylindrical measuring bowl of 0.005/0.01/0.1 cubic meter capacity for maximum size of aggregate 38/75/150mm. Fitted with a removable flanged conical cover assembly with the help of a seal. The conical cover has an air valve and a petcock for bleeding off the water. A transparent cylindrical standpipe, which is graduated in air content, is fixed to the conical cover assembly.

Pressure is applied to the specimen with the help of pressure bulb and the pressure is recorded on the pressure gauge, which is mounted on the standpipe. The whole assembly is mounted on a flat base.

Each apparatus is supplied complete with a pressure bulb or air pump, Calibration Cylinder with spring clamp, Pressure Gauge, Funnel, Tamping Rod, Straight Edge, Rubber Mallet and Measure.



AIC-AEM-005L. AIR ENTRAINMENT METER 0.005 mtr³.

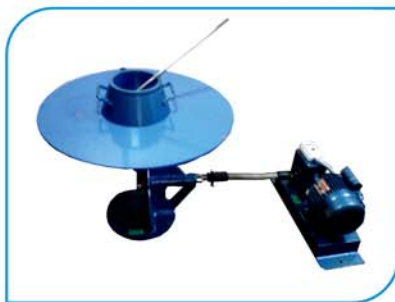
Used for maximum size of aggregate 38 mm. Capacity is of 0.005 cubic meter. (5Ltr).

AIC-AEM-010L. AIR ENTRAINMENT METER 0.01 mtr³.

Used for maximum size of aggregate 75 mm. Capacity is of 0.01 cubic meter (10Ltr).

AIC-AEM-100L. AIR ENTRAINMENT METER 0.1 mtr³.

Used for maximum size of aggregate 150 mm. Capacity is of 0.1 cubic meter. (100Ltrs.). Complete with Foot pump in place of pressure bulb air pump.



FLOW TABLES FOR PORTLAND CEMENT CONCRETE

As Per IS 1199 - 1959.

The Flow Table determining the flow of Portland cement concrete.

Consists Top of 76.2 cm (30") Dia, finely machined from a **Gun Metal casting / Mild Steel**. The stand is of sturdy construction. The ground and hardened steel cam is designed to drop the table by 12.5 mm Height. Complete with flow mould with handles and with one tamping rod of 0-60 cm long x 16 mm Dia.

AIC-FT-HO-G762. FLOW TABLE FOR PORTLAND CEMENT CONCRETE. H.O. G. M. TOP.

Hand Operated. Complete with Gun Metal Top.

AIC-FT-HO-MS762. FLOW TABLE FOR PORTLAND CEMENT CONCRETE. H.O. M. S. TOP.

Hand Operated. Complete with Mild Steel Top.

AIC-FT-EL-G762. FLOW TABLE FOR PORTLAND CEMENT CONCRETE. ELECTRICALLY OPERATED. G. M. TOP.

Electrically Operated, with Gun Metal Top. To be operated on 230 V., Single Phase, 50 Hz, A.C. Supply.

AIC-FT-EL-MS762. FLOW TABLE FOR PORTLAND CEMENT CONCRETE. ELECTRICALLY OPERATED. M.S. TOP.

Electrically Operated, with Mild Steel Top. To be operated on 230 V., Single Phase, 50 Hz, A.C. Supply.