



LE-CHATELIER FLASK

As Per IS 1727 - 1967; IS 4031 (Part - XI) - 1968.

Used for finding Specific gravity of Hydraulic cement. Made from borosilicate glass.

AIC-LCF-250.

LE - CHATELIER FLASK.

The flask is 243mm in total height, having a bulb of 90mm Dia of 250ml approximate capacity. The long neck of a flask has at top a funnel of 50mm Dia in which fits a ground glass stopper. The neck has overall 11mm I.D. upper portions graduated from 18 to 24ml with 1ml graduation.

POZZOLANA CEMENT MORTAR PERMEABILITY APPARATUS.

As Per IS 1727 - 1967; IS 2645 - 2003.

For water proofing of concrete, admixture and special water proof cements are used. Water Proofing of these compounds, is established by measuring permeability of standard mortar. Permeability apparatus is used to determine permeability to water of cement mortar specimen with or without water proofing compound.

The Mortar Permeability Apparatus comprises brass / Gun Metal Cells mounted on a stand and a pressure chamber with a pressure regulator. The cell can accommodate 100mm Dia x 50mm High Specimen. Each Cell assembly consists of one base plate. The base plate has one outlet for water and recessed to hold the specimen in place with ring washer in between. The top plate has an inlet for water and a suitable connector for the application of pressurized water in the cell. The mould and collar are clamped between the base plate and the top plate with the help of four tension rods and nuts. The cells are mounted on a stand. The pressure chamber is fitted with a pressure regulator, which helps in regulating the pressure from 0-7kg/cm². The regulator has two pressure gauges, one for indicating the pressure in the chamber (0-10.5kg/cm².) and the other for indicating the testing pressure (0-7kg/cm².). The Pressure Chamber is connected to the cells with pressure hoses and with couplings. This pressure chamber is fitted with Schrader valve.



AIC-CMP-03.

**POZZLANA CEMENT MORTAR PERMEABILITY APPARATUS.
Three Cell Model.**

AIC-CMP-06.

**POZZLANA CEMENT MORTAR PERMEABILITY APPARATUS.
Six Cell Model.**

ACCESSORIES

AIC-CYM-1005.

CYLINDRICAL MOULDS. 100mm DIA & 50mm HEIGHT. MADE OF C.I.

AIC-MCR-500150.

MORTAR COMPACTION RAMMER. 500gm.

Complete with a plunger having weight of 500gm and base of 50mm with a controlled fall of 150mm.

AIC-COMP-10k.

COMPRESSOR.

Suitable for 10.5kg/cm² pressure.