



JOLTING APPARATUS

As Per IS 10078 - 1982; IS 1727 - 1967; IS 4031 (Part - VIII) - 1968; and ASTM C 349 - 64.

For making standard rectangular specimens of 40 x 40 x 160mm. of Portland and pozzolana cement mortar for determining the transverse strength.

AIC-JLT-60R JOLTING APPARATUS.

Consists of a rectangular table rigidly connected by two support arms to a spindle at a horizontal distance of 800mm from the center of the table. There is a projecting lug with a plane face on the over face of the table beneath which is a stop with a rounded upper surface. The table can be raised and allowed to fall freely on the stop by a cam which is connected to a motor and gear box through a V-belt and pulleys. The cam rotates at a rate of 60rev/min. A stroke counter fitted with micro switch is provided which stops the machine after 60jolts. Locating pins are provided for mounting the mould compartments on the table. The mould surmounted by the hopper can be clamped rigidly to the table. Supplied complete with mould and hopper. Suitable for operation on 230Volts, 50Hz, Single Phase, A.C. supply.

ACCESSORIES

AIC-PRM-4416. PRISM MOULDS. 40 x 40 x 160 mm. MILD STEEL.

Having three compartments of size 40 x 40 x 160mm. Made of Mild Steel.

HEAT OF HYDRATION TEST APPARATUS

As Per IS 4031 (Part IX) - 1988.

Used to determine the heat of hydration of cement as expressed in calories per gram.

AIC-HHT-DTH01. HEAT OF HYDRATION TEST APPARATUS.

The apparatus consists of an open mouthed thermos flask of definite dimensions with a cork lid, an insulated container for the flask, a Digital Thermometer with 0.01° C, a constant speed stirrer (400rpm) and a funnel for introducing the sample.



CEMENT SAMPLER

As Per IS 3535 - 1986.

AIC-CS-300 CEMENT SAMPLER

This is a brass tube approximately 53cm long and 2.8cm I.D. with a wooden handle. Total length approximately 73cm. The tube has the angular edge, which conveniently pierce cement bags. An air hole of approximately 3mm Dia is drilled on the tube near handle. Total sample collected at one time is 300cm³ approximately.