

## CUBE VIBRATING HAMMER

Also known as DLC Hammer

It is used to vibrate the concrete to remove voids during casting the moulds.

### **AIC-CVH-140. CUBE VIBRATING HAMMER.**

Completely fitted with 0.5 HP electric motor, vibration by eccentric shaft, vibrating foot 140mm<sup>2</sup>, suitable for 150mm cube mould.



## MARSH CONE

This cone is used to find out Viscosity of Bentinite Slurry and like material.

### **AIC-MCS-B1500cc. MARSH CONE WITH STAND. DRASS.**

The Marsh Cone, made from brass, is of 6" Diameter at the top and 12" long and tapers to join a tube 2" long. The Capacity of Funnel is 1500 cc. Complete with 5mm & 10mm Jets, Retort Stand and 2000ml Plastic Jug.

## FLEXURAL TESTING MACHINE. 100 KN.

**As Per IS 516; IS 9399; BS 1881 & ASTM C 78.**

The machine consists of a hand load frame. The lower platen has two rollers. The distance between two rollers is adjustable. For 150 mm x 150 mm x 700 mm beam, the center distance between the rollers is 600 mm, while it is 400 mm for beams of size 100 mm x 100 mm x 500 mm. The upper platen has also a pair of rollers whose distance is adjustable. It is 200 mm center to center, for 150 mm x 150 mm x 700 mm size beam and 133 mm for 100 mm x 100 mm x 500 mm size beam. A pressure Gauge to indicate load is fixed on the load frame.

Total capacity of the machine is 100 KN and a 150 mm Dia Pressure Gauge 0-100 KN x 1 KN is fitted on the Machine.



### **AIC-FTM-HO10T. FLEXURAL TESTING MACHINE. 100KN. HAND OPERATED.**

Attached with a small hydraulic pumping unit.

### **AIC-FTM-EL10T. FLEXURAL TESTING MACHINE. 100KN. ELECTRICALLY CUM HAND OPERATED.**

Separate Electrically cum Hand Operated pumping unit instead of a hand operated pumping unit, housed in a cabinet. ON/Off switch and a Slow / Fast lever are fitted on the front panel of the pumping unit to control the rate of loading. A facility for Hand Operation is also provided. A micro switch and relay fitted inside the pressure gauge to protect the unit from over loading.

**Note : The above machine can be supplied with Microprocessor Based Digital Load Indicator.**