

FLEXURE TESTING MACHINE. 4KN.

As Per IS 1727-1969; IS 4031-1968 & ASTM C 109.

It is used for carrying out transverse test on 40 mm x 40 mm x 160 mm mortar specimens by using single point loading.

AIC-FTM-4KN FLEXURE TESTING MACHINE - 4 KN.

It is a motorised, mechanical Unit. The speed is adjusted, so that the load increase on the specimen is between 4 to 6 Kg / sec. A flexure test attachment for keeping the specimen in position is also supplied. This consists of two rollers of 10 mm Diameter and spaced 100 mm apart and a third roller of the same diameter equidistant from the first two and for transmitting the applied load to the opposite face of the prism. The unit is for operation on 230 volts, single phase, 50 cycles A.C. supply. Loads are measured on a proving ring fitted with a sensitive dial gauge. Supplied without proving Ring.

OPTIONAL ACCESSORIES.

AIC-PRC-500KG. PROVING RING - COMPRESSION TYPE. 500 Kg.

Having Capacity of 500 Kg / 0.50 Tone / 5.00 KN. Supplied complete with our own calibration certificate.



TENSILE STRENGTH TESTER.

As Per IS 269 - 1958 & BS 12.

Used for making tensile strength test on cement briquettes.

AIC-TST-HO-540K. TENSILE STRENGTH TESTER. HAND OPERATED.

Suitable for tensile test up to 1200Lbs or 540kg. It is with automatic loading by lead shots. Two calibrated scales 100Lbs x 1Lbs and 50kg x 0.5kg are engraved. Supplied complete with one brass briquette mould with base plate, and set of weights to weigh 50kg, 100kg, 150kg and 200kg.

AIC-TST-EL-900K. TENSILE STRENGTH TESTER. ELECTRICALLY OPERATED.

The instrument employs a friction-free, accurate, double lever system, the load being applied by means of sliding weight on the top lever. The capacity of the unit is 900kg. After fixing the briquette in the jaws, the machine is to be switched on. The sliding weight slides over the calibrated lever thus applying tension to the specimen. A micro-switch is fitted to stop the machine instantly on the failure of the briquette and on failure tensile load is accurately read to 0.5kg by means of a marker provided on the sliding weight. The machine can be operated for subsequent test only after the sliding weight to its zero position. Suitable to operate on 230Volts, 50Hz, Single Phase, A.C. supply. Complete with one brass briquette mould and one base plate.



ACCESSORIES.

AIC-TST-LS10K. LEAD SHOTS. 10kg BAG.

AIC-BRM-254SG. BRIQUETE MOULDS. SINGLE GANG.

AIC-BRM-254TG. BRIQUETE MOULDS. THREE GANG.