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## Laboratory Vane Shear Apparatus (Motorised) ZI 3076

Standards:

Specification:

Consists of a torque head adjustable in height by means of a lead screw rotated by a drive wheel to enable the vane to be lowered into the specimen. Rotation of the vane is by means of an electrically operated rate of rotating is 1/60 R.P.M. Suitable for operation on 230 V A.C. Single Phase which operates a worm gear arrangement turning the upper end of a calibration torsion spring, vane dia, rod dia, vane size & vane height are as per IS specifications.



The vane shaft is attached through the hollow upper shaft to a resettable pointer, which indicates the angle indicates the angle of torque on a dial graduated in degree the dial reading multiplied by spring factor gives the torque a container for soil sample is also supplied & a sampling tube of 38mm. i.d. & 150mm long can also be used as container. Supplied with set of four springs, one each of approx. 2 kgs/cm<sup>2</sup>, 4kgs/cm<sup>2</sup>, 6 kgs/cm<sup>2</sup> & 8kgs/cm<sup>2</sup> complete as above in a wooden carrying case.