

**Product Name :**  
Vane Shear Test Apparatus Motorised

**Product Code :**  
ASTSOIL-0033



**Description :**

Vane Shear Test Apparatus Motorised

**Technical Specification :**

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.



## Astra Scientific

www.astrascientific.com, **Email:** info@astrascientific.com

**Address:** K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265