

**UNIVERSAL SAND STRENGTH TESTING MACHINE**  
**Brand- ENTEK , Model No.- ET-ST-021**

We are Manufacturer, Supplier, Exporter of Universal Strength Machines Computer Interface and our set up is situated in Delhi, India.

Universal Sand Strength Testing Machine Supplied with the Sand Rammer

**A) Universal Sand Strength Tester**

**USE :** It is use to determine Compression, Shear, Tensile strength of Green sand and No bake sand, co2 sand.



**SPECIFICATIONS :** Suitable For Compression Strength, Shear Strength, Tensile Strength, Transverse Strength With The Help Of Attachment, Capacity 50 Kg/Cm<sup>2</sup> On Compression Scale With Motorized Loading Mechanism, Load Cell, Digital Strength Indicator And Compression Pads with computer interface with memory.

**Attachments :**



**Dimensions and Weights (Approximate)**

Length : 460 mm (11")

Width : 330 mm (11")

Height : 610 mm (20")

Weight : 48kgs

## B) Sand Rammer

We are Manufacturer, Supplier, Exporter of Sand Rammers, Bench Sand Rammers and our set up is situated in Delhi, India.

**USE :** It is use to prepare standard specimen for further test.

**SPECIFICATIONS :** With Sliding Weight, Lifting And Ramming Cam, Specimen Tube, Pedestal Cup And Stripper. The Sand Rammer can be used to prepare a standard sand specimen Dia. 50mm x Height 50mm as per Metric (Dia. 2" x Height 2" as per AFS.) The standard sand specimen is used in various tests including permeability, compressive strength, shear strength, friability, etc. Place the Specimen tube in the Pedestal Cup. Fill the Sand Sample in the Specimen Tube. Lift the left cam upward; Place the Specimen tube with Pedestal Cup on the base. Take Ramming head downward with left cam. Ram the sample three times with the help of right cam. There is a scale for measuring the final specimen height are provided on the top bracket. The scales can also be used to determine the proper sample weight required for preparation of a standard sand specimen. See that the top of plunger rod matches the zero of the scale. It should match within +/- 1mm. Lift the left cam upward. Take the specimen tube. Place it on stripping post. Pull the tube downward for removing the specimen. The Sand Rammer includes a standard weight, Lifting and Ramming cam, specimen tube, Pedestal Cup, Stripper.

Dimensions and Weights (Approximate)

Length : 280 mm (11")

Width : 280 mm (11")

Height : 510 mm (20")

Weight : 22kgs.

Manufacturer **ENTTEK**

**Entek Instruments India Pvt. Ltd.**

Corp. Off. H-20 (Ground Floor), Pocket-F, Sector-1,  
Bawana (DSIDC), New Delhi - 110039, India

Mobile : +91-8130516663

Email : [entekindia@gmail.com](mailto:entekindia@gmail.com)

