



WELCOME!

# Naugra Export

**“Civil Engineering Laboratory  
Equipments Manufacturers in India”**

To know more visit at

**<https://www.naugraexport.com/educational-equipments/civil-engineering-laboratory>**

## Civil Engineering Laboratory Equipments

### Sanitary Systems

- **Base Unit for Sanitary Modules**

The unit has a perforated backboard on which module panels with a wide range of sanitary elements can be rapidly and easily fitted. Using metal hoses with quick-release couplings, the individual modules can be combined into functional systems. Several base units can be used together if required for large and complex set-ups. Any water that leaks out when modifications are made is collected in a tray at the base of the trolley.

Base Unit for Sanitary Modules Engineering Lab Training Systems Naugra Exports is Manufacturer, Exporter and Supplier of Base Unit for Sanitary Modules Engineering Lab Training Systems Technical Description The trolley-mounted base unit forms the core for a variety of installation exercises aimed squarely at heating and plumbing trainees.



## Civil Engineering Laboratory Equipments

### Surveying Instruments

- **Vernier Theodolite For Testing Lab**

Surveying Instruments Testing Lab equipment manufacturers, exporters and Surveying Instruments Testing Lab suppliers coated lens, along with powder coated/ anodized folding. Aluminum tripod complete in plastic/ wooden carrying case. Optical plummet arrangement is provided for centering.

German pattern vernier theodolite least count 05/10/20 seconds as per customer requirements with four slow motion, erect image, 22x magnification



## Civil Engineering Laboratory Equipments

### Laboratory Strength of Materials

- Elastic Torsion Tester- Engineering Lab Training Systems**

Elastic Torsion Tester - Engineering Lab Training Systems A set of three moulds as per IRC-SP-53-2002 Made of brass /Gunmetal with the shape, dimensions and tolerances as shown in fig 1. The ends b & b' are known as clips, and the parts a & a' are known as sides of the mould.

The dimensions of the mould shall be such that when properly assembled it will form a briquette specimen having the following dimensions



## Civil Engineering Laboratory Equipments

### Industrial Trainer Suppliers

- **CAD/CAM Lab Equipments**
- **CNC Lathe Machine**

#### **Spindle Motor**

Two-speed Motor 4 / 6 ( 3 phase 2.2/2.8 kw)  
Manual three jaw chuck 1 pc  
Gang Tool Carriage& Gang Tool Holder(3pcs)  
Hand Wheel  
Thread Function  
Coolant Pump  
Working Lamp  
Enclosed Shield for Ball Screw

#### **Specifications**

Power of Spindle Motor kw - Two Speed 4/6 (3 phase 2.2 kw)  
Size of Tools Shank - mm 15 x 15 or 20 x 20  
Overall Dimension - mm 1270(L) \* 950(W)\* 1450(H)  
Net Weight - kg 800





## Civil Engineering Laboratory Equipments

### CNC Machine Lab

- **CNC Milling Machine Table Model**

#### **Specifications**

Drilling Capacity: 10mm (3/8")

Worktable T-Slot Size: 8mm (0.31")

No. of T-Slot on Table : 3

Max. Loading of Worktable: 20 kg

Table Travel z-axes: 180mm (7")

X Axes Feeding Motor Power: 1.35Nm

Z Axes Feeding Motor Power: 2.2Nm

X/ Y/ Z Axes Max. Moving Speed: 2m/min

Worktable Size : 400 x 145mm (16" x 5.7")

X/ Y/ Z Axes Feeding Speed : 500mm/min

Table Travel x-axes: 260mm (10")

Machine Size (L x W x H) : 1040 x 860 x 940 mm

Table Travel y-axes: 110mm (4.3")

Throat: 150mm (5.9")

Position Precision : 0.015mm

Repeat Positioning Precision: 001mm

Spindle Speed: 100-7000rpm

Spindle Motor: 500w



## Civil Engineering Laboratory Equipments

### Cement and Concrete Testing Equipments

- **Compression Testing Machine**

Compressive Strength Testing Equipment to test cement, brick and concrete is offered by us. The range we offer includes Manually (Hand) Operated, Semi Automatic Compression Testing Equipment, Electrically Cum Manually Operated equipment and more. These strength testing equipment are extremely handy and are easy to use for testing cement, concrete and mortar cubes. We lay utmost importance on equipment design and construct with emphasis on ease of operation. As present day buyers expect more power, speed and highest level of accuracy in material testing system, we continue to offer research based Compressive Strength Testing Equipment of international standard, at affordable prices



## Civil Engineering Laboratory Equipments

### Transportation Engineering Lab Equipments

- **Ring And Ball Apparatusc**

This apparatus is used to determine Softening point of Bitumen. It is that temperature at which a sample of bituminous material loaded by a 9.5mm dia steel ball, drops a specified distance when heated under specified conditions.

Specification: The apparatus consists of steel bracket with a sliding plate support. That support has two holes of 10mm dia on which a ring and ball guide can be kept. A central hole on this plate is for inserting thermometer. Supplied with a glass beaker approximate 600ml, high and a hand stirrer and 2 Nos. 9.5mm dia steel balls





## Civil Engineering Laboratory Equipments

### Analytical Lab Instruments

- **Brookfield Viscometer**

Brookfield instruments use a rotating spindle immersed in the fluid to measure viscosity.

Laboratory Viscometers and Rheometers include Dial-Reading and Digital Models for use in Quality Control Departments and R & D Labs

Accessories increase the measuring range of a viscometer

Proven applications include:

Paints

Coatings

Inks

Resins

Foods

Oils

Chemicals

Cosmetics

pharmaceuticals



## Civil Engineering Laboratory Equipments

### Civil Engineering Models and Lab Charts Equipments

- Asphalt/Bitumen Testing Lab Equipments**

This apparatus is used to determine softening point of bitumen. Ring and ball apparatus is used to determine softening point. It is that temperature at which a sample of bituminous material loaded by a 9.5mm dia.-steel ball, drops at a distance of 25mm.

Specifications: The apparatus consists of steel bracket with a sliding plate support. That support has two holes of 10mm dia. on which a Ring and Ball guide can be kept. A central Hole on this plate is for inserting thermometer. Supplied with a glass beaker approximate 8.5cm I.D., 12cm high and a hand stirrer and 2 nos. 9.5mm dia. steel balls



*Thank you*  
**FOR VISITING**

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## Contact Us:

**Email:** [sales@naugraexport.com](mailto:sales@naugraexport.com)

**Phone:** 0171-2643080, 2601773

**Website:** [www.naugraexport.com](http://www.naugraexport.com)