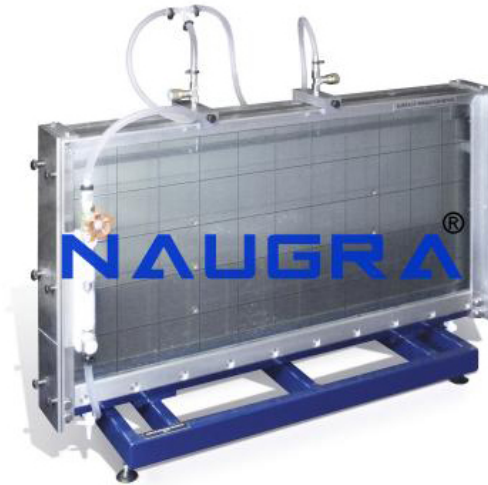


**Product Name :**  
Soil and Water Model Tank

**Product Code :**  
NLAB-TECHNICALAB27002



**Description :**

Soil and Water Model Tank

**Technical Specification :**

Flow line visualisation  
Flow net construction  
Flow net construction  
Determining seepage rates  
Determining seepage rates  
Verification of Darcy's Law  
Verification of Darcy's Law  
Comparison  
Comparison of experimental results with analytical solutions  
Typical student experiments include:  
Seepage underneath a sheet pile wall. Seepage through an earth dam  
Control of seepage through permeable soils by sub-soil drainage  
Distribution of uplift pressure on hydraulic structures  
Reducing uplift pressure and lateral thrust by drainage  
Formation and behaviour of 'Quicksand'  
Stability of an earth dam  
Draining an excavation site using wells  
Basic Accessories  
Foundation pressure plate  
Straight permeable membrane  
Curved permeable membrane  
Lateral pressure plate  
Tile drain

## Naugralabequipments

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