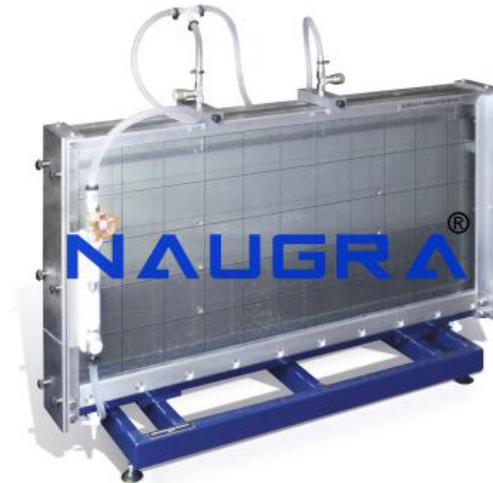


Product Name :
Soil and Water Model Tank

Product Code :
NLAB-TECHNICALAB27002



Description :

Soil and Water Model Tank

Technical Specification :

Flow line visualisation
Flow net construction
Determining seepage rates
Verification of Darcy's Law
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

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