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Product Name :
Visualisation of Seepage Flows Apparatus

Product Code :
LBNY-0005-103000147



Description :

Visualisation of two-dimensional seepage flows and investigation of water pressure at various models closed water circuit
Experimental section with tempered glass viewing window
Fine-mesh screen to separate the experimental section from the feed and discharge chamber
Height-adjustable overflows in the feed and discharge to adjust the water levels
Fluoresceine as a contrast medium
Retaining wall" and "foundation" models for demonstration of the water pressure
Instruments: tube manometers, tubes on the "foundation" and "retaining wall" models
14 measuring connections with filters to detect the groundwater levels in the experimental section
Sheet pile" model for visualisation of streamlines.

Technical Specification :

Technical Data:
Experimental section
Usable volume: 82L
LxWxH: 1480x104x630mm
Pump
Max. flow rate: 4m/h
Max. head: 4m
Tank for contrast medium: content 0,5L
Storage tank, stainless steel: content 96L
14 tube manometers: 0...600mmWC

Models
Sheet pile
Foundation
Retaining wall.



Laboratory Instrument India