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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