



Email : sales@laboratoryinstrumentindia.com

Product Name :
Advanced Hydrological Investigations Trainer

Product Code :
LBNY-0005-103000144



Description :

Features:

Stilled inlet tank provides developed river flow conditions, allowing the full length of the tank to be used for river simulations.

Adjustable spray nozzle height

Use of fine grade sand allows detailed feature development

Single grade of sand for all defined demonstrations, no need to change the sand

Flexible configuration allows a wide range of simulations

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Novel outlet tank design for water flow and sediment flow measurement.

Stainless steel sand tank

Dual jacks provide adjustable tilt

Control and measurement of inlet flows

Computer data logging option for sediment and water outlet flow measurement.

Technical Specification :

Inclinable stainless steel experiment tank contains 19 measuring connections to detect groundwater Levels, transparent splash guard and screens for separating the chambers

2 wells with open seam tubes in the experiment tank

Transparent measuring tank (flow) and force sensor (determining the amount of sediment)

Investigation of precipitation-discharge relationships, storage capacity of soils, seepage flows, Groundwater flows and sediment transport

Water supplies and drains can be selected individually

3 models for pillars: round, square, oval
Closed water circuit
Precipitation device with 8 nozzles, adjustable
Precipitation time can be adjusted via timer.



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