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Product Name :
River Flow Simulator Experiment

Product Code :
LBNY-0005-10400014



Description :

A self-contained river flow simulator for the study and visualization of river formations, bed load studies and fluvial geomorphology
Tank mounted on a steel frame with jacking system to easily and safely adjust the tank slope while fully loaded
Uses sand as the media for detailed feature development and bed load motion studies
Stainless steel tank with a 2150mm x 900mm working area
Water reservoir, submersible pump, variable area flow meter and control valve giving flows from 1.5 to 15l/min
Water inlet vessel with stilling can be positioned anywhere in the tank
Supplied with comprehensive instruction manual.

Features:

Sturdy frame with dual jacks to vary slope
Stilled water inlet vessel, featuring variable positioning
Robust stainless steel tank
Variable flow, with flow meter
Uses sand for realistic and highly detailed feature formation
Self-contained, includes pump and water reservoir
Variable height exit.

Technical Specification :

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Working area: 2150mm x 900mm
Slope adjustment - working slope: 0 - 6°, 10° max

Flow range: 1.5-15l/min
Accuracy of flow metering: $\pm 2\%$ full-scale.



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