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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

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



**Laboratory Instrument India**