



Email : sales@laboratoryinstrumentindia.com

Product Name :
Sediment Transport Visualization Channel

Product Code :
LBNY-0005-1600003



Description :

This channel is mounted on to the manual jacking system, which provides positive step adjustment, via a hand wheel, with slope 0 to 10. The unit is supplied with manuals that describe each component of the system, installation and utilization procedures and give many exercises. The channel sides are transparent in order that bed profile changes can be readily observed, and a section of one side is provided with graphical grid. The Sediment Transport Visualization Channel is designed to perform most of the experiments and demonstrations usually undertaken in much larger laboratory flumes, but at much lower cost and without the need for technician back-up. The channel slope is adjusted by means of a screw jack to which is attached a slope indicator. Sand is placed along the channel bed, between the inlet tank and the over fall discharge weir. Water is circulated around the system at a selected flow rate.

Technical Specification :

Required services:

Water supply: first fill of water

Electrical supply: 220V, single-phase, 50 Hz, 1kW

Weight and dimensions:

Dimensions: 2500 x 400 x 1100 h mm.

Weight: 110 kg.

Laboratory Instrument India

