

Description



5 X 0.08 X 0.25 Metre Flow & Sediment Transport Channel

Description:-

The flume has a built-in recirculating water supply connected to a digital flow meter for accurate measurements during experimentation. The Flow and Sediment Transport Channel is 5 meters in length and 80mm in width. Also included with the flume are four different models, so students have the ability of immediate experimentation in open channel flow. The flume has a built-in sediment trap and includes sediment, a trowel and a rake, for detailed experimentation into sediment transport.

A jack raises and lowers the screw support and the digital inclinometer gives an accurate adjustment of the channel angle. This gives smooth, uniform flow, free from entry effects. A pump with a control valve, forces water up to flow settling chamber at the upstream end of the channel. The downstream end of the channel has a windowed section for visualisation of flow and a settling chamber upon exit.

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