Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Economy Stream Table Kit

Product Code :

SLE/ES/20



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Description :

The **Economy Stream Table Kit** (Product Code: SLE/ES/20) lets students model how running water shapes land: they build a sediment slope in a long plastic tray, send a controlled flow down it and watch channels, meanders and deposits form. Its sturdy tray is large enough for a group demonstration or for individual investigations, which makes it a practical environmental science kit for secondary geography, earth science and teacher-training classrooms. This educational laboratory equipment in India is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Tray	Heavy plastic, 48 in x 14 in x 3 in, with drain
Outlet	Outlet assembly
Hoses	Inlet and outlet hoses, 36 in x 2 in
Trough	Special trough for relating the rate of erosion to slope and stream volume
Siphon	72 in x 1/4 in siphon tube with clamp
Suitable for	Group study or individual investigations

Typical Use

Fill the upper part of the tray with damp sand or fine soil, shape a gentle slope towards the drain end, and start a steady flow using the inlet hose or the siphon tube from a raised container; the clamp on the siphon lets you slow or stop the water. Within minutes students can see a channel cut into the sediment, bends develop into meanders, and eroded material settle as a small delta near the outlet. Raising the head of the tray or opening the flow further shows directly how slope and stream volume change the rate of erosion – the relationship the trough is designed to explore.

Because each run takes only a few minutes, classes can repeat trials with different gradients and record channel width or sediment loss, turning the tray into a strong science fair project kit as well as a lesson demonstration. Work near a sink or outdoors, direct the outlet hose into a bucket, and wash out and dry the tray before storing it so sediment does not block the drain.

Manufacturer

Jain Scientific Equipments Private Limited, known to schools as ScienceLab, is based in Ambala, Haryana, and builds apparatus for geography, earth science and general science teaching. The company ships to institutions in India and international markets; see our company profile for more about how it works.

Related Earth Science Equipment

Teachers often combine stream-table work with these landform and weathering resources:

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