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Product Name :
Sediment Transport In River Courses Experiment

Product Code :
LBNY-0005-103000142



Description :

Experimental section with grooves for plate weirs to realize different flow conditions
Measurement of profiles along the bottom with moveable instrument carrier and point gauge
Inlet element with plate weir to protect against sediment flowing back
Open-channel bed-load transport
Experimental flume with experimental section, inlet element, outlet element, closed water circuit, 1 set of models
Sediment trap with filter element for sand
Models supplied 3 bridge piers, 2 islands, set of deflection plates (for your own model ideas)
Experimental section, inlet and outlet element made of stainless steel
Closed water circuit with water tank with sediment trap, pump, and electromagnetic flow meter.

Technical Specification :

Technical Data:

Experimental flume
Stainless steel
Dimensions of the experimental section:
5000x800x250mm
Pump
Max. head: 11,5m
Max. flow rate: 74m/h
Storage tank, content: approx. 1000L
Power consumption: 3,6kW
Sediment trap filter element

Aperture size: 49mesh
Flow meter
Measuring range: 80m/h.



Laboratory Instrument India