



FUNDAMENTALS OF SEDIMENT TRANSPORT

RY 258

Description:

In many real open channels sediment transport occurs that affects the flow behavior. Normally the key component is bed-load transport. Presented unit uses sand to demonstrate important phenomena of bed-load transport in the area near the bottom. The transparent experimental section allows observation of the formation of ripples in the river bed.

Specifications:

- Channel with transparent side wall
- Centrifugal pump
- Reservoir tank
- Piping system, fittings and valves
- Various weirs
- Water flow rate measuring system
- Manual adjustment of the slope of the channel
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Investigating the principle of sedimentation transport in open channels
2. Obtaining specified factors affecting on erosion
3. Effect of different weirs and different flow rates on bed transport and sedimentation
4. Formation of different dunes and ripples

Required For Operation:

- 220V Single Phase Electricity
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%



FUNDAMENTALS OF SEDIMENT TRANSPORT

RY 258



Dimensions (L*W*H) mm:1500x 700 x 1000

www.radmansanatco.com