



ADVANCED ENVIRONMENTAL HYDROLOGY RESEARCH SYSTEM

RY 132

Description:

The Hydrologic Studies Unit enables users to study a wide range of hydrological phenomena in a laboratory package. The hydrology study device can be used to study the flow of wastewater and rainwater. The hydrology study set includes a closed circuit water supply system. A rain simulator has been designed to study precipitation and it is possible to perform a wide range of experiments. Piezometric tubes are intended for the detection of underground water levels on the device. The main element of the equipment is a test tank that can be filled with different types of sand and whose inclination can be regulated by a lifting system.

Specifications:

- Fiberglass sand placement tank
- Rainfall simulating nozzles with the ability to adjust the intensity of the rain
- Pump for closed water circuit
- Adjustable inclination
- Water tank
- Piping system to transfer water to the heads and rainfall simulator
- Rotameter
- Transparent Plexiglas tank to calculate the total output flow from the system
- Piezometric tubes
- 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 of soil infiltration
2. Understanding groundwater flow and water table
3. Investigating of sediment transport
4. Investigating the relationship between rainfall and water flow

Required For Operation:

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



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Dimensions (L*W*H) mm: 2000x 1000 x 1700

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