



STUDIES IN HYDROLOGY

RY 262

Description:

This device 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 (pump and tank). A rain simulator is designed to study precipitation (with two rows of nozzles) 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.

Specifications:

- Fiberglass sand placement tank with dimensions of 2 meters by 1 meter with two wells to simulate penetration and the ability to see the water level in 13 points of the tank as well as the inlet, outlet and small water head at the beginning and end of the tank
- Rainfall simulating nozzles with the ability to adjust the intensity of the rain Water tank with pump to supply water in the system
- Piping system to transfer water to the heads and rainfall simulator Rotameter to read and adjust the input flow rate
- Flow measurement system to calculate the total output flow from the system (transparent Plexiglas tank that is calibrated)
- 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. Investigation and observation of physical phenomena related to hydrology
2. Investigating the relationship between rainfall and water flow
3. Investigating water flow resulting from torrential rains, surface water flow

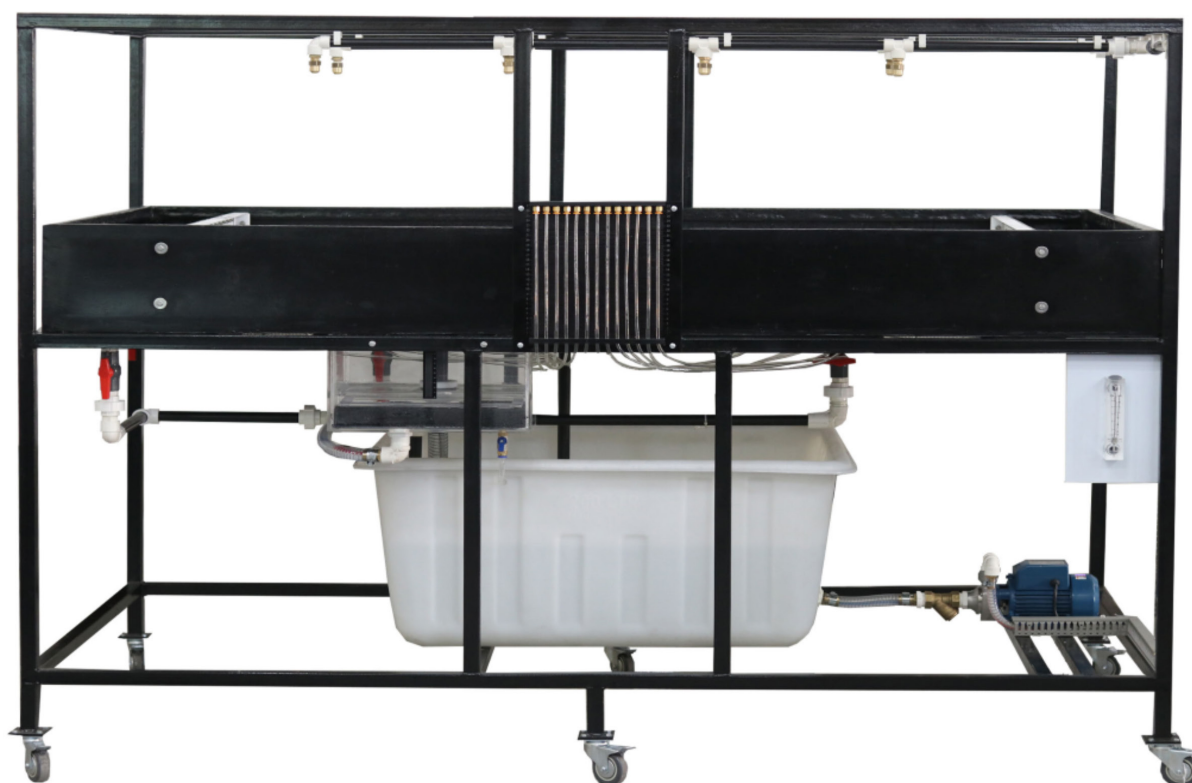
Required For Operation:

- 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 1500

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