

Product Name : Rainfall Simulator	Product Code : NLAB-TECHNICALAB27003
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Description :

Rainfall Simulator

Technical Specification :

The Rainfall Simulator consists of a metal frame that supports the spray head assembly. The unit may be placed directly on the ground for field studies or used with its accessory tray for laboratory experiments.

In use, water is pumped from the holding tank via a control valve to the spray nozzle. Water from the spray nozzle is interrupted by a horizontal rotating disc driven by a variable speed motor. Adjustable width apertures in the disc allow some water to pass and the remainder is recirculated via the tank. For use in field or laboratory electrical and water supplies are required.

Services Required Cold water supply: Electrical supply: 220-240V/1Ph/50Hz 120V/1Ph/60Hz Instructional Capabilities:

- investigate the relationship between rainfall intensity and soil erosion
- investigate the nature of soil erosion potential on different soil types
- investigate the methods by which soil erosion may be prevented

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