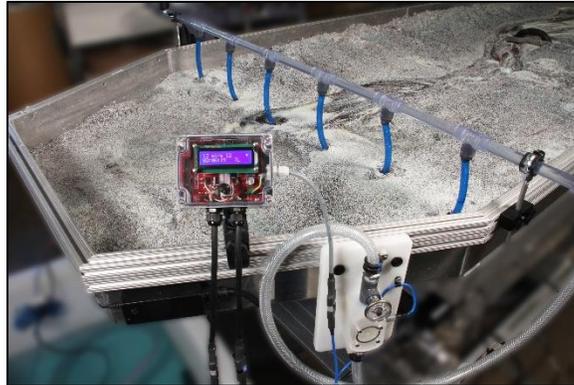




Emriver

Groundwater/Rainwater



Description

The Emriver Groundwater/Rainwater system allows for injection and extraction of subsurface flow in the model, making possible a wide array of experiments and demonstrations. It also allows for the simulation of rain on the surface of the media in the model. A high-pressure pump supplies a spray bar at the upstream end of the table to produce groundwater or rainwater flow. Extraction filters are installed at the downstream end of the table, which connect to tubes that empty into the reservoir. The extraction tubes have valves allowing the user to increase, decrease, or turn off groundwater extraction.

The groundwater system is compatible with all of our models.

Specifications

Pump pressure

60 PSI

Flow control

Metered flow rates between 0 and 45ml/second.

Electrical requirements

12V/8.5A DC power adapter included

Portability

Can easily be placed in model and removed

System Includes

- Spray bar, mounting brackets, and hoses
- Digital controller
- Flow measurement paddlewheel
- High pressure pump
- 48V power supply
- Power cord
- GFCI (US and Canada only)
- User Manual