Emriver Em2 Stream Table

Description

The Emriver Em2 stream table is perfect for demonstrating river science and conservation principles to audiences of all ages and educational backgrounds. This model is optimized for ease of setup, use and portability. The box and supports are made of light-weight and durable aluminum. Despite its compact size, the Em2 can easily accommodate 10 hands-on learners plus a teacher.

Specifications

Box
  1.93 m x 0.83 m x 0.13 m (76 in x 33 in x 5 in)

Footprint
  2.29 m x 0.86 m (90 in x 34 in)

Portability
  Very portable.
  Can be powered with a deep-cycle 12V battery.

Supports
  Heavy-duty aluminum supports set box at 2.5⁰ slope

Storage
  Can be stored in 1.2 m^2 footprint

Water capacity
  102 L (27 gallons)

Electrical requirements
  12V/5A DC power adapter included for flow controller

Flow control
  Submersible, brushless DC pump with electronic flow controller

Media weight dry
  68 kg (150 lbs)

Approximate total system weight, including water
  195 kg (430 lbs)

Box weight
  16 kg (35 lbs)

System Includes

- 27-gallon reservoir
- All fittings and tubing
- Brushless, submersible pump
- DC power adapter
- Digital flow controller
- Filters
- Energy Dissipating Unit
- Quartz & plastic riprap
- Plastic riparian vegetation
- Polycarbonate culvert tubing
- Dye and dye injection bottles
- Measuring tape
- Toolbox
- Float for shaping media
- Scoops
- Scrapers
- User Manual
- Lab Manual

Compatible Upgrades and Additions

- K500 Flow Controller
- Color-coded media
- Wave Maker
- Dye Injector
- Groundwater/Rainwater System
- Academic Kit
- Structures Kit
- Battery Adapter