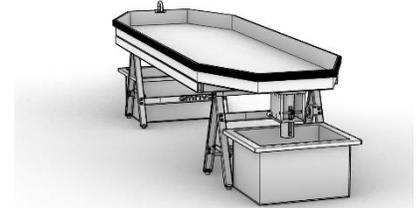




Emriver Em4 Stream Table



Description

The Emriver Em4 river model is the largest production stream table on the market, and is well suited to colleges and universities with ongoing research and teaching in river science. The very large size of the Em4 allows a class of 25 plus a facilitator to participate, with a second row of 20 observers.

The length of the Em4 allows for long-term experiments that develop mature river systems with parallel channels, multiple meanders, cut-offs, oxbows and islands, and has space for a large pool to build impressive deltas. The standard static supports are engineered from high-strength aluminum and create a box slope of 2 degrees, but the vast majority of our clients opt for a single or dual-tilt base.

The Em4 comes standard with 360 pounds of our color-coded by size thermoset plastic modeling media and our K500 digital flow controller in addition to the standard K28 flow controller. The K500 allows precise, metered control of water flow using an Omega brand flow meter with closed loop monitoring and adjustment. It also includes 8 pre-programmed hydrographs.

Specifications

Box

3.8 m x 1.25 m x 0.15 m (146 in x 49 in x 6 in)

Footprint

4.2 m x 1.3 m (166 in x 52 in)

Portability

Moveable, but not easily portable

Supports

Heavy-duty aluminum supports set box at 2.0° slope

Water capacity

303 L (80 gallons) in 2 reservoirs

Electrical requirements

24V/3.75A DC power adapter included for flow controller

Flow control

Submersible, brushless DC pump with electronic flow controller

Media weight dry

163 kg (360 lbs)

Approximate total system weight, including water

574 kg (1265 lbs)

System Includes

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| <ul style="list-style-type: none"> • K500 Flow Controller • Color-coded media • Two 50-gallon reservoirs • All fittings and tubing • Brushless, submersible pump • DC power adapter • Digital flow controller • Filters • Energy Dissipating Unit • Quartz & plastic riprap | <ul style="list-style-type: none"> • Plastic riparian vegetation • Polycarbonate culvert tubing • Dye and dye injection bottles • Measuring tape • Toolbox • Float for shaping media • Scoops • Scrapers • User Manual • Lab Manual |
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Compatible Upgrades and Additions

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| <ul style="list-style-type: none"> • Single- or Dual-Tilt Base • Wave Maker • Dye Injector | <ul style="list-style-type: none"> • Groundwater/Rainwater System • Academic Kit • Structures Kit |
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