





Component	Description
Box	 <p>Engineered reinforced 0.08" sheet aluminum box, 120 x 39 x 5.5 inches (3.05 x 1 x 0.14 m), 85 pounds (38.5 kg), TIG welded and riveted, PVC standpipe and drain fixture</p>
Supports	 <p>Two folding aluminum supports, about 16 pounds (7.25 kg) each. Or upgrade to the single or dual box tilt.</p>
Reservoir	 <p>Two 27 gal. (110 L) polypropylene reservoirs, graduated, with supports on downstream reservoir for sediment filter</p>
Pump	 <p>Sealed 800 gph (1,892 lph) 12-volt, 2 amp submersible pump, with intake filter</p>

Upstream Inlet Pipe and Energy Dissipater Unit



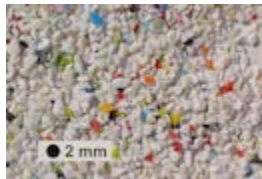
Water flows from upstream reservoir through Inlet Pipe to the acrylic Energy Dissipater Unit (EDU)

Power Supply



12-volt power supply with Ground Fault Circuit Interrupter, input standard 115-volt, 60Hz. Export models shipped with appropriate CE-approved power supply and connectors.

Modeling Media



240 pounds (109 kg) ground thermoset plastic sand, specially manufactured with proprietary mix of size and color. Or upgrade to color-coded-by-size media.

Crayfish Electronic Flow Controller



One-knob electronic pump controller. Or upgrade to the Emriver Alix Digital Flow Controller.

Measurement Tools

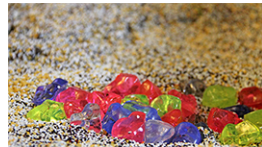


Measuring tape for long profile surveys

Modeling Accessories



Concentrated blue and green dye with injection bottles for flow visualization



Brightly colored plastic riprap



Acrylic shapes for bridge culverts, piers and other flow obstructions



Quartz riprap stones



Simulated riparian vegetation

Sediment Handling



Two scrapers for moving and shaping media



Two large scoops: one perforated and one non-perforated

**Emriver Em3 Geomodel
Use and Care Manual**



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Support

Comprehensive use and maintenance manual and the Laboratory manual, a guide to teaching and demonstrating with the Em3. Full parts and supplies support. River geomorphology DVD.