

Component	Description
Box	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
Supports	Two folding aluminum supports, about 16 pounds (7.25 kg) each. Or upgrade to the single or dual box tilt.
Reservoir	Two 27 gal. (110 L) polypropylene reservoirs, graduated, with supports on downstream reservoir for sediment filter
Pump	Sealed 800 gph (1,892 lph) 12-volt, 2 amp submersible pump, with intake filter



Upstream Inlet Pipe and Energy Dissipater Unit



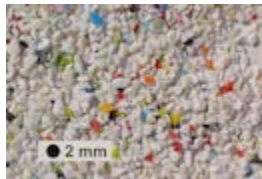
Water flows from upstream reservoir through Inlet Pipe to the acrylic Energy Dissipater Unit (EDU)

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

Support

Emriver Em3 Geomodel Use and Care Manual



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.