

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 500 gph (1,892 lph) 12-volt submersible pump, with intake filter

**Upstream Inlet Pipe
and Energy Dissipater
Unit**



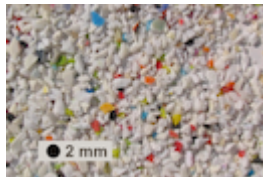
Water flows from upstream reservoir through Inlet Pipe to the acrylic Energy Dissipater Unit (EDU)

Power Supply



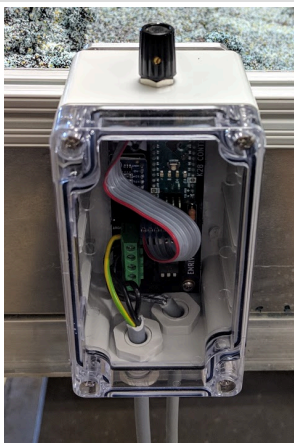
12-volt power supply with Ground Fault Circuit Interrupter, input standard 115-volt, 60Hz. Export models shipped with appropriate CE-approved power supply and connectors.

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.

**K28 Electronic Flow
Controller**



One-knob electronic pump controller. Or upgrade to the Emriver K500 Digital Flow Controller.

Modeling Accessories



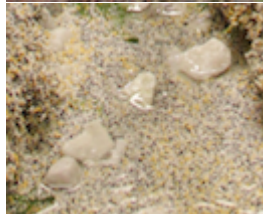
Concentrated blue and green dye with injection bottles for flow visualization



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

Measurement Tools



Measuring tape for long profile surveys

Support

Emriver Em3 Geomodel Use and Care Manual



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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.