

Component	Description
Box	 <p>Engineered reinforced 0.08" sheet aluminum box, 33 x 77 x 5 inches (1.96 x 0.83 x 0.13 m), 38 pounds (17.5 kg), TIG welded, PVC standpipe and drain fixture</p>
Supports	 <p>Two folding aluminum supports, about 14 pounds (6.3 kg) each</p>
Reservoir	 <p>27 gal. (102 L) polypropylene reservoir, graduated, with supports for sediment filter</p>
Pump	 <p>Sealed 500 gph (1,892 lph) 12-volt submersible pump, with intake filter</p>

Energy Dissipater Unit



Energy Dissipater Unit (EDU) made of acrylic; flow outlet connected to tubing

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



150 pounds (68 kg) ground thermoset plastic sand, specially manufactured with proprietary mix of size and color or upgrade to color-coded-by-size modeling media

K28 Electronic Flow Controller



One-knob electronic pump controller or upgrade to the K500 Digital Flow Controller

Measurement Tools



Measuring tape for long profile surveys

Concentrated blue and green dye with injection bottles for flow visualization



Brightly colored plastic riprap



Acrylic shapes for bridges, culverts, piers and other flow obstructions



Quartz riprap stones



Simulated riparian vegetation



Two scrapers for moving and shaping media. Two large scoops: one perforated and one non-perforated



Modeling Accessories

Sediment Handling

Support

Use and Care of the Emriver Em2™ River Process Geomodel



Comprehensive use and maintenance manual and Laboratory manual, a guide to teaching and demonstrating with the Em2; full parts and supplies support; and River geomorphology DVD
