

## **SAPPER AUTOMATED DCP (Dynamic Cone Penetrometer)**

**KSE Model 4217**

### **Field Soil Testing MEETS ASTM D6951**

The SAPPER is a fast, rugged, accurate device that automates the DCP with an 8 kg hammer at a rate of about one blow every two to four seconds. Data is collected and displayed with an on-board micro processor. This makes it is easy to record, display, and retrieve the penetration rate, blows, and correlations to CBR as well as other data about the test. It comes with a 37-inch spring steel drive rod, which can be driven into the ground up to 36 inches. The SAPPER is comprised of a DCP encased in two aluminum channels which can be mounted to a vehicle hitch. It is conveniently powered by the vehicle battery.

#### **SAPPER features are listed below:**

- Fits vehicle receiver for trailer hitch
- Downloads data via waterproof USB port
- Output penetration per blow
- Motor-operated lift
- Correlations:
  - CBR and psf per blow
  - CBR for granular, CL, CH

**\$18,950.00**

Plus Shipping Charges

SAPPER 100 lbs. 16"x12"x60"

Hitch/lift assembly 45lbs. 18"x12"x48"



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