

AUTOMATED DCP (ADCP) (Dynamic Cone Penetrometer)

Field Soil Testing MEETS ASTM D6951

The ADCP 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 ADCP 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.

Automated DCP Features:

- 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

