



SAPPER Automatic DCP (ADCP)

Meets ASTM D6951 up to 6 ft.

The ADCP is a fast, rugged, accurate device that automates the Dynamic Cone Penetrometer (DCP) test with an 8 kg hammer at a rate of one blow per two seconds.

FEATURES:

1. Data is collected and displayed with an on-board micro processor..
2. Records & displays penetration rate, blows, and correlations to CBR & PSF.
3. Accommodates a single 60 in. (1.5 M) drive rod or use multiple extensions to test up to 12 ft. (3.6 M).
4. High Torque Motors for easy extraction
5. Standard unit comes with a 48 in. (1.2 M) spring steel drive rod.
6. The device is fully enclosed protecting operator.
7. Exterior enclosure made out of corrosion resistant aluminum.
8. Mountable to almost any vehicle. Mounting can be powered actuated
9. Can customize Travel Position – Vertical, Tilting or Horizontal.
10. Standard mounting frame uses the trailer hitch adapter commonly found on light duty trucks & SUVs.
11. Conveniently powered by the vehicle 12V battery. 24V version available.



APPLICATIONS:

1. Airfield Pavement Evaluations
2. Gypsum/Ash Pond Stability Testing
3. Mine Tailings Compaction Control
4. Compaction of Bridge Abutments
5. Road Construction with High Volume Testing

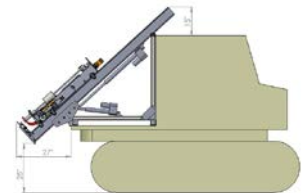
BENEFITS:

1. Single Person Operation – Avoids Data Collection Errors
2. Rugged & Easy to Use
3. Fast, High Volume Testing Capability – Avoids Operator Fatigue
4. Can be Remotely Controlled from Vehicle Cab
5. Compatible with Core Drill Rigs
6. Easy Maintenance with Good Access
7. Safe - DCP Pinch Points covered
8. Modularized for easy Installation on vehicle
9. USB port allows downloading of test results
10. Field Printer available for producing record report

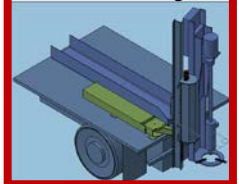


Covered Removed

Tilt Mounting on Amphibious Vehicle



Mounting with Core Drill Rig



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Kessler Soils Engineering Products, Inc.