

Dynamic Cone Penetrometer



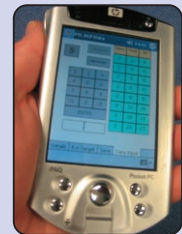
Quick and easy in-situ pavement testing using the DCP is now even easier using our new data collection package which has been developed in association with Pavement Technology Ltd, one of the UK's leading pavement consultancies.

KEY BENEFITS

- Hand-held PDA data collection package saves hours of report generation time and pays for itself in a matter of days!
- Well proven, robust design.
- Portable and easy to operate.
- Tests can be carried out in minutes.
- Results correlate well with conventional CBR readings
- Detects layer boundaries and thicknesses
- Ideal in locations where access is difficult (such as coal holes).

KEY FEATURES

- Standard DCP features:
 - 60° cone
 - 8kg weight
 - 575mm drop height
- Testing depth to 850mm
- Extension rods available for depths up to 2m
- Data collection system available – software running on a hand-held PDA.



SPECIFICATION

Standard Kit

The CNS Farnell DCP is an instrument designed for the rapid in-situ measurement of the structural properties (CBR %) of existing road pavements constructed with unbound materials.

The basic kit comes complete with everything needed for testing. Supplied in a robust wooden carrying case with spanners, allen key, thread adhesive, tommy bar and spare cone.

- Drop weight: 8kg
- Drop height: 575mm
- Cone: 60°
- Testing depth: 850mm

Dimensions:

- Case size approximately 110 x 25 x 15cm
- Weight approximately 22kgs



Complete kit showing optional extension shaft set and PDA

Optional Extension Rod Set

- Comprises 3 rods
- Enables testing depth to be extended to up to 2m

Data Collection Package

- Runs on any hand-held PDA running Pocket PC 2002
- Provides fool-proof prompts for operators
- Tracks extension shafts and depths
- Allows storage of job and site details
- Transfers data to PC in .csv file format ready to import into your report



LITERATURE

The DCP is specified for use or utilised in the following documents:

- Scottish Executive (SE) DBFO Contracts
- MCDHW Specification for Highway Works Volume 1 Series 600
- TRL Overseas Road Note 31
- TRL Report 250
- TRL Report 611

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