








## DYNAMIC CONE PENETROMETER DCP

Dynamic Cone Penetrometer DCP is an instrument designed for the rapid in situ measurement of the structural properties of existing road pavements with unbound granular materials. Continuous measurements can be made to a depth of 800 mm or to 1200 mm when an extension rod is fitted. The underlying principle of the DCP is that the rate of penetration of the cone, when driven by a standard force, is inversely related to the strength of the materials as measured by the California Bearing Ratio CBR.

### Basic equipment for DCP set:

-  Base plate with rule and handle
-  Falling hammer  
Weight 8 kg,  
Drop height 575 mm
-  Set of rods:
  - Standard rod      Ø16 mm x 943 mm [902 mm]
  - Leading rod        Ø16 mm x 890 mm [815 mm]
  - Bottom rod        Ø16 mm x 815 mm [782 mm]
  - Top rod            Ø16 mm x 433 mm [400 mm]
-  Penetration cone    60°, Ø 20 mm
-  Adapter for rods

### Additional equipment for DCP set:

-  Transport wooden box
-  Manual extruder for rods

**DIRECTLY  
FROM THE  
MANUFACTURER**

