

DIK-5532 : Digital Cone Penetrometer

DIK-5532 Digital Cone Penetrometer measures a soil compaction in situ easily. It can be used to measure to depth 0 to 90 cm (Interval each cm), Built-in GPS Display can measure and **save data of maximum 1000 locations**. This hand held instrument Soil Cone Penetrometer is the world's best handheld equipment for measurement soil compaction.

Features:-

- Built-in datalogger and battery, Integrated style
- Real-time measurement Graph with digital display
- Measure depth 0 to 90 cm (Interval each cm)
- Easily obtaining of measurement data and setting of measurement condition by display unit
- Easily checking measurement data by graph
- This product can be measured at a constant speed by displaying an indication of penetration rate
- Bluetooth free from complex wiring



Display Unit with Graph

Data Display



Soil surface
detection plate

Spindle

Cone2cm²

Main Unit

Specifications

Maximum Insertion Depth Range : 90 cm
Measuring Interval : Each Centimeter (0 to 90 cm)
Resolution : 1 kPa
Range of 2 cm² cone : 179 kPa to 4903 kPa (1.8 Kg to 50 Kg)
Communication method : Bluetooth (Wireless)
Data Storage Capacity : 1000 locations
Data Output File Format : CVS
Data Download : USB cable
Cone Penetrometer Dimensions : 345 (W) X 144 (D) X 164 (H) mm
Cone Penetrometer Power Source : 2 C size alkaline batteries
Cone (SS) base Area : 2 cm²
Cone (SS) Top Angle : 30 Degree
Display : Real-time measurement Graph with digital display
Display Unit Dimensions : 144 (W) x 72 (D) x 7.8 (H) mm
Display Unit Power source : 2500 mAh (Rechargeable battery)
Power Backup (Display Unit) : 5 hours
GPS System : Inbuilt with measuring head
GPS Measurement System : WGS-84
Software : User friendly Pre-Installed Software
Internal Protection : Dust proof, Drip proof structure
Weight : Approx. 4 Kg

Package Includes:-

- Main Unit (Cone Penetrometer) : 1 Piece
- Data Display Unit : 1 Piece
- Spindle 60cm (SS) : 1 Piece
- Spindle 30cm (SS) : 1 Piece
- Cone 2 Cm² (Cone angle 30⁰) : 2 Piece
- Wire-brush : 1 Piece
- Wrench (10mm) : 1 Piece
- Manual : 1 Piece
- Hard Carrying case : 1 Piece

Indian Distributor

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