

DCP Testing Apparatus

Product Overview:

The Dynamic Cone Penetrometer (DCP) is used to evaluate soil strength and compaction quality. It quickly determines the California Bearing Ratio (CBR) and penetration resistance of subgrade and base layers.

Key Features:

- Heavy-duty steel rod assembly with corrosion-resistant finish
- Detachable 8 kg hammer for standard impact energy
- Graduated measuring scale for penetration reading
- Hardened cone tip (60 degrees) for durability
- Dual handle design for stable operation
- Quick assembly/disassembly for portability
- Suitable for field and laboratory testing

Technical Specifications:

Hammer Weight	8 kg +/- 0.1 kg
Drop Height	575 mm
Cone Angle	60 degrees
Cone Diameter	20 mm
Rod Length	1 meter (standard)
Material	Stainless Steel / Chrome-Plated Steel
Reading Scale	1 mm precision
Carrying Case	Aluminum or Hard Plastic

Standard Compliance:

- ASTM D6951 / D6951M: Standard Test Method for Use of the Dynamic Cone Penetrometer
- BS 1377 (Part 9): Methods of test for soils for civil engineering purposes

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