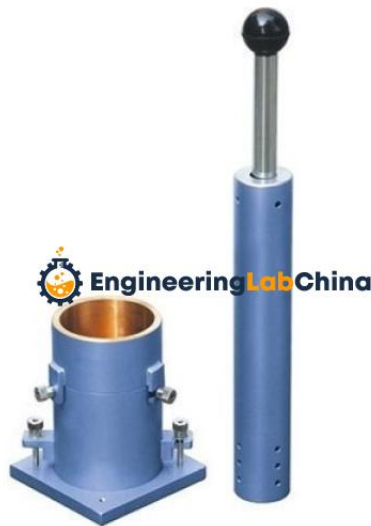


**Product Name :**  
Standard Compaction Test

**Product Code :**  
CHINAELABC2690016



**Description :**

Standard Compaction Test

**Technical Specification :**

The construction of the high load structures such paved roads, dams, and other construction projects basically rely on the strength and the stability of the embankments; a Standard Compaction Test for soil compaction is used to increase the soil strength.

Standard Compaction Test consists one each of compaction mould steel, 100 mm I.D. x 127.3 mm height x 1000 cc volume, complete with collar and base plate.

Loose soil can easily be compacted by using the mechanical equipment to remove any air-voids, which help in densifying the soils and its dry unit weight is increased.

The lab testing determines the maximum density which can be achievable for the soil and uses it as a reference for the further field testing.

The benefits of doing soil compaction include increasing the stability of the ground, preventing the soil settlement and the frost damage, mitigating undesirable settlement such as foundations, paved roads, and piping of the structures, and reducing the hydraulic conductivity.

Specifications:

The Standard Compaction Test consists of the following items:

The apparatus consists of one each 100 mm I.D. x 127.3mm height x 1000 cc volume of compaction mould steel.

A 2.6 kgs compaction rammer with 310 mm controlled fall.

A base plate and collar.

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