

# Automatic Soil Compactor

Automatic Soil Compactor is designed to compact specimens automatically and uniformly, based on international standards. Its equipped with two standard

Impact handling is a unique feature of this machine that is performed by two standard weights for soil samples. The plate on which the mold is placed has an automatic rotation for each subsequent impact to be applied to another surface of the soil.

Compactor automatically compacts and rotates the mold after each blow while keeping track of the numbers of hammer blows and shutting off once a preset number of blows is reached. Design of Cantrol Soil Compactor allows the hammer to drop the required height into the soil in the mold which rotates circularly to distribute the blows uniformly over the surface of the specimen in the mold. The unit can be used to perform standard or modified compaction tests using a 5.5 lb. hammer with 12" height of drop or a 10 lb. hammer with 18" drop.

Device is equipped with a shield to ensure application safety.

**Model: 2814011**

**2814012**

1. 5.5 and 10lb weights are included.
2. Adjustable height for 12 and 18 inches.
3. Preset digital counter.
4. All procedures of compacting process are done automatically.
5. Molds table holder rotates automatically based on standard.
6. selector switch for either standard proctor test or modified proctor/CBR testing.
7. Baked power painting.
8. Dimension: W\*D\*H (260x430x1500mm)
9. Weight: 190 kg, 420 lb
10. Power supply: Model 2814011, 110V, 60Hz., single phase, 370W. Model 2814012, 220V, 50Hz., single phase, 370W.
11. The 4, 6 inch soil compaction molds and CBR mold are not included. And should be order separately.

**Standard:**

ASTM D558,  
D559, D560,  
D698, D1557,  
D1883

AASHTO T99,  
T180, T193

EN 13286-47

BS 1377-4

