

AUTOMATIC SOIL COMPACTOR FOR PROCTOR AND CBR TEST



MAKE: VERTEX | MODEL NO.: VSLIC-S107 | MAKE IN INDIA

Ref. Standard IS:2720 (Part 7 and 8)

Purpose:

The time and effort required to prepare specimens for compaction studies and other test methods can often be costly and time consuming. The EIE Compactor automatically compacts soil specimens, thereby eliminating the laborious hand compaction method. The height and weight of the hammer is adjustable to suit test requirements.

Salient Features:

1. With electric height adjuster and digital counter
2. Pre-set blow pattern ensures even compaction
3. Solid state controls for reliability and ease of maintenance
4. Automatic counter reset after completion of blow pattern
5. An automatic blow pattern ensures optimum compaction for each layer of soil.



6. The hammer itself travels across the mold and the table rotates the mold in equal steps on a base that is extremely stable.
7. The number of blows per layer can be set at the beginning of the test by means of the simple digital counter system.
8. Hammer, Circular faced, 50 mm diameter - foot adjustable to either 2.6 kg or 4.9 kg weight.
9. Drop Adjustable to either 310 mm or 450 mm
10. Controls Digital counter system, selector switch for either standard proctor test or modified proctor/CBR testing.
11. Safety features like safety lever for preventing rammer falling, when the door is open, total cover for moving parts, M.C.B. for overload protection will be inclusive.
12. Supplied without moulds.
13. The Moulds are offered at extra cost and are essential accessory. The Moulds have special design and you existing mould will not fit in this Instrument.
14. As per IS 2720 (Part 7 & 8)
15. Overall Dimensions: 660 X 520 X 1400 (L X W X D) mm
16. Weight (Approx.) : 125 Kg

The Instrument can be modified to make it suitable as per ASTM D698/ ASTM D1557 / AASHTO T99 / AASHTO T180 / BS 1377-4/ EN 13286-2

