



Available Variants

- Universal Model - 4" & 6" Dia Specimen
- 4" Dia Specimen
- 6" Dia Specimen

Construction Details

- It is a motor driven mechanical compactor useful for compaction in to **4" & 6" dia Marshal moulds.**
- It is fitted with compaction rammer weighing **4.54 kg having 99.6 mm diameter face** and another compaction rammer weighing **10.2 kg having 149.4 mm in diameter**
- It is raised to a height of **(457.2 ± 1.5) mm (18")** and allowed to have free fall (drop) on test specimen.
- Tubular steel frame housing the driving mechanism of the compaction rammer.
- The rammer assembly is provided with a ratchet and pawl arrangement to lift it from the top of the test sample.
- When the rammer reaches the required height, the pawl releases the rammer, which falls freely on test specimen.
- The release mechanism is connected by an arm moving up and down - which is connected to a reduction gear coupled to the motor through another arm.
- An automatic Digital blow counter fitted to the compactor is used to set the number of blows.
- Weight: 220 kg Approx.
- Supplied without Moulds - Available at extra cost.

Technical Specification

Model / Type	Specifications
Universal Model - 4" & 6" Dia Specimen	• Overall Dimensions: 16 x 28 x 78 Inches (L x W x H) • Weight (Approx.): 220 Kg
4" Dia Specimen	• Overall Dimensions: 400 X 700 X 1970 (L X W X D) mm • Weight (Approx.): 190 Kgs Approx.
6" Dia Specimen	• Overall Dimensions: 400 X 700 X 1970 (L X W X D) mm • Weight (Approx.): 200 Kg

Standards

- ASTM D 1559
- ASTM D 6926
- AASHTO T245

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

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