

AUTOMATIC SOIL COMPACTOR (ECONOMIC MODEL)

STANDARTLAR: ASTM D558, D559, D560, D698, D1557, D1883, EN 13286-2, 13286-47, AASHTO T99, T134, T135, T136, T180, T193

Automatic Soil Compactor is designed to compact Standard / Modified and CBR specimens, it ensures an extremely uniform compaction degree, granting reliable and repeatable test results.

The compactor is easy to use, friendly menu driven, of simple and practical maintenance.

Compactor is equipped with programmable digital counter which allows machine to stop at the preset numbers of blows. The height and weight of the rammer is adjustable to suit test requirements. Quality and high accuracy mechanical components grant very long life also under intensive utilizations.

The original lift system of the rammer can be selected at 305 or 457 mm, granting a correct and constant fall height. This automatic blow pattern ensures effective and equal compaction for each layer of soil by rotating the base table, so the mould, in equal steps and travelling the rammer across the mould.

The table rotates the mould in equal steps and the number of blows per layer can be set at the beginning of the test by the digital counter. User defined blow number and in-out distribution is also available. A standard proctor / CBR switch, emergency stop and start push buttons are located beside the blow counter.



HR-S6820 & **HR-S6650**
&
HR-S6655

The rammer is circular faced. Rammer weight is adjustable to 2.5 kg or 4.5 kg according to reference standard. When compacting specimens in Standard Proctor moulds, the unit operates on a single radius and when compacting specimens in Modified Proctor or CBR moulds, the unit operates on inner and outer radius to obtain even compaction.

The machine is supplied with one rammer and must selected according to the desired Standard (ASTM or EN) (rammers are interchangeable).



HR-S6820
&
HR-S6820/3



HR-S6820
&
HR-S6655

Technical Specifications:

Product Code	Product Name	Drop Height (mm)	Dimensions (cm)	Weight (kg)	Power Supply
HR-S6820	Automatic Soil Compactor	305 or 457	45x160x55	115	220 V, 50 Hz, 1 ph
HR-S6820/60Hz	Automatic Soil Compactor	305 or 457	45x160x55	115	220 V, 60 Hz, 1 ph

Spare Parts & Accessories:

Product Code	Product Name	Drop Height (mm)	Circular Faced (mm)	Dimensions (mm)	Weight (kg)
HR-S6820/1	Rammer for HR-S6820, EN/BS	305 or 457	Ø50	Ø50x300	Adjustable to 2.5 kg or 4.54 kg weight
HR-S6820/2	Rammer for HR-S6820, ASTM	305 or 457	Ø50,8	Ø50,8x300	Adjustable to 2.5 kg or 4.54 kg weight
HR-S6820/3	Noise Reduction Cabinet	---	---	---	---