



Automatic Soils Compactor with guarding ASTM 220-240V 60Hz 1 ph

Code: [24-8085/06](#)

Product Group: [Automatic Soil Compactor](#)

- With NEW CE Compliant guarding as an extra safety measure for users
- Complies to ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180 standards
- Automatic re-setting of counter after completion of blow pattern

The time and effort required to prepare specimens for compaction studies and other test methods can often be costly and time-consuming. The use of an automatic, mechanical compactor will show considerable cost benefits over hand compaction methods.

These machines automatically compact specimens eliminating the laborious hand compaction method. The height and weight of the rammer are adjustable to suit test requirements.

An automatic blow pattern ensures optimum compaction for each layer of soil in compliance with the standards. The rammer travels across the mould and the table rotates the mould in equal steps on a base that is extremely stable. The number of blows per layer can be set at the beginning of the test.

Preset blow pattern ensures an even compaction, includes solid state controls for reliability and maintenance. An automatic digital counter resets to zero on the completion of a test. The selectable rammer has a drop height of 300-450mm, a selectable rammer weight of 2.5 or 4-5kg. A preset number of blows per layer can be set by thumb wheel control. A compaction rate of approximately 26 blows per minute. Accepts BS Standard Compaction and CBR moulds; also meets the requirements of ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180.

Specification

Standards	ASTM D558, ASTM D698, ASTM D1557, AASHTO T99, AASHTO T134, AASHTO T180
Rammer ASTM	Circular faced, 2 in (50.8 mm) dia, selectable to 5.5 lb (2.5 kg) or 10 lb (4.5 kg) weight
Drop ASTM	Adjustable to 12 in (305 mm)

Weight (kg) or 18 in (457 mm)
165

Accessories



ASTM Compaction Mould 152mm.

Code: [24-9066](#)



Calibration Kit For Automatic Soil Compactor

Code: [24-9095/12](#)



Proctor Mould

Code: [24-9060](#)

Spares/Consumables



Lead Cylinders

Code: [24-9095/13](#)



Modified Compaction Mould

Code: [24-9098](#)



Standard Compaction Mould

Code: 24-9097